

Storm Data and Unusual Weather Phenomena - June 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

ILLINOIS, South

PERRY COUNTY --- DU QUOIN [38.02, -89.23]

06/08/15 04:00 CST	0	Heavy Rain
06/08/15 10:00 CST	0	Source: Trained Spotter

Street flooding was reported.

FRANKLIN COUNTY --- MULKEYTOWN [37.97, -89.12], BENTON [38.00, -88.92]

06/08/15 10:15 CST	0	Heavy Rain
06/08/15 10:15 CST	0	Source: Trained Spotter

At Mulkeytown, the storm-total rainfall was 3.09 inches. Most of this rain fell in a three-hour window during the early morning hours. Water was over Highway 14 in several spots west of Benton.

JEFFERSON COUNTY --- WOODLAWN [38.33, -89.03], 5.0 E MT VERNON [38.32, -88.81]

06/08/15 11:15 CST	0	Heavy Rain
06/08/15 11:15 CST	0	Source: Emergency Manager

Five miles east of Mount Vernon, the storm-total rainfall was 4.30 inches. In Woodlawn, four inches of rain was reported. Most of this rain fell in a three-hour window during the early morning hours. A few secondary roads were flooded countywide.

WAYNE COUNTY --- WAYNE CITY [38.35, -88.58], 1.4 ENE WAYNE CITY [38.36, -88.56], 4.2 SSE SIMS [38.32, -88.49], 2.8 NNE MAYBERRY [38.30, -88.52]

06/09/15 11:45 CST	0	Flood (due to Heavy Rain)
06/10/15 01:00 CST	0	Source: River/Stream Gage

Minor flooding occurred along the Skillet Fork River. Some low-lying fields and woodlands were inundated. The flooding was the result of heavy rain on the 8th.

Scattered thunderstorms increased in coverage and intensity over southern Illinois. A moist and unstable atmosphere contributed to locally heavy rain. The storms developed along and ahead of a cold front that trailed southwest from a low pressure center over the Great Lakes region. From 3 to 5 inches of rain fell along the Interstate 64 corridor south across the Rend Lake vicinity. Some roads were flooded, and the Skillet Fork River went above flood stage.

SALINE COUNTY --- HARRISBURG [37.73, -88.55]

06/16/15 23:40 CST	4K	Thunderstorm Wind (EG 52 kt)
06/16/15 23:40 CST	0	Source: Law Enforcement

A couple of trees were down in town, along with snapped power lines.

GALLATIN COUNTY --- 2.0 S JUNCTION [37.69, -88.23]

06/17/15 00:00 CST	2K	Thunderstorm Wind (EG 52 kt)
06/17/15 00:00 CST	5K	Source: Trained Spotter

Some tree damage occurred, with limbs greater than two inches in diameter blown down. Corn fields had quite a bit of damage, with several fields leaning or flattened.

Clusters of thunderstorms persisted well into the night ahead of a low-amplitude mid-level shortwave trough. These storms moved eastward through a corridor of very moist air, with precipitable water values approaching two inches. The convection was near and south of a surface front that extended from Iowa to southern Ohio. A few storms produced strong gusty winds that damaged trees and power lines.

ALEXANDER COUNTY --- 0.9 SSW THEBES JCT [37.19, -89.46], 0.8 S THEBES JCT [37.19, -89.45], MC CLURE [37.32, -89.43], 2.8 N EAST CAPE GIRARDEAU [37.33, -89.48], 1.8 W EAST CAPE GIRARDEAU [37.29, -89.51]

06/17/15 15:00 CST	5K	Flood (due to Heavy Rain)
06/30/15 23:59 CST	0.10M	Source: River/Stream Gage

Moderate flooding occurred on the Mississippi River. At the Thebes river gage, the river crested at 41.75 feet on the 24th. Flood stage is 33 feet. This was comparable to the flood of July, 2008. Extensive flooding of lowland fields occurred, including many acres of cropland. Residents of small communities such as Thebes and Gale were forced to evacuate or use boats to access their homes. Most roads leading to riverfront property were cut off by floodwaters. Some basements were flooded. Backwater flooding along tributary creeks affected many areas, including the inland community of McClure. Flooded streets in McClure impacted several families, who needed a boat to safely reach their homes. The flooding continued into July.

Storm Data and Unusual Weather Phenomena - June 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
JACKSON COUNTY --- GRAND TOWER [37.63, -89.50], 2.5 W JOHNS SPUR [37.66, -89.51], 1.8 W JOHNS SPUR [37.67, -89.50], 0.6 ENE GRAND TOWER [37.63, -89.49]				
	06/17/15 15:00 CST		1K	Flood (due to Heavy Rain)
	06/30/15 23:59 CST		0	Source: Broadcast Media
Moderate flooding occurred along the Mississippi River. Parts of Devil's Backbone Park in Grand Tower were underwater. The flooding continued into July.				
UNION COUNTY --- WARE [37.45, -89.40], 2.1 WSW WARE [37.44, -89.43], 2.8 W ALDRIDGE [37.56, -89.52], 0.8 W ALDRIDGE [37.55, -89.48]				
	06/17/15 15:00 CST		0	Flood (due to Heavy Rain)
	06/30/15 23:59 CST		30K	Source: Broadcast Media
Moderate flooding occurred on the Mississippi River. Extensive flooding of lowland fields occurred, including many acres of cropland. Most roads leading to riverfront property were cut off by floodwaters. Backwater flooding along tributary creeks such as Clear Creek affected some residents south and west of Jonesboro and Cobden. Several residents were forced to evacuate or use boats to access their homes. The flooding continued into July.				
JACKSON COUNTY --- 1.7 NE GRIMSBY [37.77, -89.43], 1.2 ENE GRIMSBY [37.75, -89.43], 2.5 WNW MT CARBON [37.76, -89.38], 1.7 W MT CARBON [37.75, -89.36], 1.3 WNW MT CARBON [37.76, -89.35], 2.1 W MURPHYSBORO [37.77, -89.37], 3.3 W MURPHYSBORO [37.77, -89.39]				
	06/17/15 19:45 CST		2K	Flood (due to Heavy Rain)
	06/30/15 23:59 CST		0	Source: River/Stream Gage
Moderate flooding occurred along the Big Muddy River. At the Murphysboro river gage, the river crested at 31.22 feet on the 23rd. Flood stage is 22 feet. There was considerable flooding of low-lying areas, including a riverside park and some fields. A few streets near the river were flooded. This was similar to the flood of June, 2013. The flooding continued into July.				
WHITE COUNTY --- CARMi [38.08, -88.17], 1.2 SSE CARMi MUNI ARPT [38.08, -88.14], 2.2 SE CARMi [38.05, -88.15], 3.4 S CARMi [38.03, -88.18], 2.5 ESE BROWNSVILLE [38.01, -88.21], 2.1 SE TRUMBULL [38.06, -88.20]				
	06/19/15 01:00 CST		2K	Flood (due to Heavy Rain)
	06/30/15 23:59 CST		10K	Source: River/Stream Gage
Moderate flooding occurred along the Little Wabash River. At the Carmi river gage, the river crested at 34.52 feet on the 28th. Flood stage is 27 feet. Areas near Routes 1 and 14 in Carmi flooded. County roads were inundated. The river remained above flood stage into July.				
FRANKLIN COUNTY --- PLUMFIELD [37.88, -89.00], 3.3 ESE ROYALTON [37.84, -89.07], 2.5 SSW ZEIGLER [37.87, -89.07], 0.6 SSW ZEIGLER JCT [37.91, -89.02]				
	06/20/15 19:00 CST		0	Flood (due to Heavy Rain)
	06/29/15 21:00 CST		0	Source: River/Stream Gage
Minor flooding occurred along the Big Muddy River. Low-lying fields and woodlands near the river were inundated.				
ALEXANDER COUNTY --- 0.8 ENE CAIRO [37.01, -89.17], 2.7 ESE CAIRO [36.98, -89.14], 2.5 ESE CAIRO [36.98, -89.14], 0.6 E CAIRO [37.00, -89.17]				
	06/20/15 20:00 CST		1K	Flood (due to Heavy Rain)
	06/30/15 23:59 CST		4K	Source: River/Stream Gage
Minor flooding occurred along the Ohio River. The flooding inundated mainly agricultural bottomland and low lying areas. Parts of Fort Defiance State Park at the confluence of the Mississippi River were flooded. The flooding continued into July.				
WABASH COUNTY --- MT CARMEL [38.42, -87.77], 1.4 SW PATTON [38.47, -87.77], 1.0 S PATTON [38.47, -87.75], 1.5 ESE MT CARMEL [38.41, -87.74]				
	06/20/15 21:00 CST		4K	Flood (due to Heavy Rain)
	06/30/15 23:59 CST		8K	Source: River/Stream Gage
Moderate flooding occurred on the Wabash River. At the Mount Carmel river gage, the river crested at 25.8 feet on the 29th. Flood stage is 19 feet. Extensive lowland flooding occurred. Numerous local river roads were flooded. Some mobile homes were moved out of the flood plain. Installation of flood gate A at Mount Carmel was necessary. Access to local camp sites and river cabins was blocked, but there was minimal impact to commercial activities because of the gate closure. County Road 1280 E was flooded. Some nearby oil fields were inaccessible. A couple of streets in the city were flooded. The flooding continued into July.				
WHITE COUNTY --- 5.6 ESE GARNERVILLE [38.08, -87.96], 2.9 SE GARNERVILLE [38.09, -88.02], 1.9 WSW MAUNIE [38.02, -88.08], 1.5 SSW RISING SUN [37.98, -88.04], 1.0 S RISING SUN [37.99, -88.03]				
	06/21/15 10:00 CST		0	Flood (due to Heavy Rain)
	06/30/15 23:59 CST		0	Source: River/Stream Gage
Minor flooding occurred along the Wabash River. Some low-lying fields and woodlands were inundated. The flooding continued into July.				

Storm Data and Unusual Weather Phenomena - June 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
PULASKI COUNTY --- 0.7 SE OLMSTED [37.17, -89.07], 2.3 SSE NEW GRAND CHAIN [37.22, -89.00], 1.0 SSE NEW GRAND CHAIN [37.24, -89.01], 0.1 NW OLMSTED [37.18, -89.08]				
	06/22/15 15:00 CST		1K	Flood (due to Heavy Rain)
	06/30/15 23:59 CST		4K	Source: River/Stream Gage
Minor flooding occurred along the Ohio River. The flooding inundated mainly agricultural bottomland and low lying areas. The flooding continued into July.				
Widespread river flooding occurred as a result of several heavy rain events in June. The remnants of Tropical Storm Bill on the 19th were responsible for widespread heavy rain that drove most of the smaller rivers above flood stage. Flooding of the Wabash and Mississippi Rivers was due to excessive rainfall in the upper portions of both river basins. Both Illinois and Indiana recorded their wettest Junes on record. June was also in the top five wettest months on record for both states.				
WHITE COUNTY --- 3.0 W NORRIS CITY [37.98, -88.37], 2.1 NW SACRAMENTO [38.05, -88.36]				
	06/19/15 14:13 CST		5K	Tornado (EF0, L: 4.92 mi , W: 200 yd)
	06/19/15 14:23 CST		50K	Source: NWS Storm Survey
The tornado began due west of Norris City along the Hamilton County line, then tracked almost due north. The track was through corn fields of extreme western White County. At least dozens of acres of corn were flattened or blown over. Several large tree limbs were broken. A small shed was blown over. A small section of vinyl fence was broken. A tree was uprooted. The tornado was videotaped by a storm chaser. Peak winds were estimated near 85 mph.				
JOHNSON COUNTY --- 2.3 ESE GOREVILLE [37.54, -88.93], 2.3 ESE GOREVILLE [37.54, -88.93]				
	06/19/15 14:57 CST		5K	Tornado (EF1, L: 0.40 mi , W: 50 yd)
	06/19/15 14:58 CST		0	Source: NWS Storm Survey
Several trees and limbs were blown down, including at least one tree that was uprooted. This brief tornado touched down just west of the Goreville exit off Interstate 24, then tracked almost due north across the interstate. Peak winds were estimated near 90 mph.				
UNION COUNTY --- 0.9 S JONESBORO [37.44, -89.27], 1.6 NNW BALCOM [37.44, -89.21], 1.6 E ANNA [37.47, -89.22], 1.0 WNW ANNA [37.47, -89.27]				
	06/19/15 15:25 CST		0	Flash Flood (due to Heavy Rain / Tropical System)
	06/19/15 18:30 CST		0	Source: Trained Spotter
Flooded roadways were reported throughout portions of Anna. Several intersections in town were impassable due to high water covering the road.				
FRANKLIN COUNTY --- 0.6 E EZRA [37.88, -88.96], 0.6 N EZRA [37.89, -88.97]				
	06/19/15 15:51 CST		0.50M	Tornado (EF1, L: 0.92 mi , W: 150 yd)
	06/19/15 15:53 CST		0	Source: NWS Storm Survey
A large two-story house sustained major damage, losing large portions of its roof and the front porch. A small storage shed and fencing was damaged. Near the beginning of the damage path, a garage lost most of its roof. Dozens of trees and tree limbs were broken or uprooted. At least one eyewitness saw the tornado, which began in a subdivision just west of Interstate 57 near West Frankfort. The tornado moved northwest before ending on the west side of County Road 6 near the Green River. The most intense winds were at the damaged large two-story house on County Road 6. Peak winds were estimated near 110 mph there.				
JACKSON COUNTY --- 0.8 ESE MURPHYSBORO [37.77, -89.32], 0.6 E MURPHYSBORO [37.77, -89.32]				
	06/19/15 15:53 CST		25K	Tornado (EF1, L: 0.20 mi , W: 75 yd)
	06/19/15 15:54 CST		0	Source: NWS Storm Survey
This brief tornado occurred on the eastern outskirts of Murphysboro along and east of the Big Muddy River, just north of Illinois Route 13. A large section of roof, including the rafters, of a commercial wooden building was blown up to 300 yards. A pontoon boat was flipped over, and a second pontoon boat was lofted about 200 yards. Two wooden power poles were snapped. Several tree limbs and one tree was blown down. An eyewitness had video of the tornado. The peak winds were estimated near 95 mph.				
HAMILTON COUNTY --- 2.3 W FLINT [38.07, -88.67], 2.7 WNW FLINT [38.08, -88.68]				
	06/19/15 16:30 CST		2K	Tornado (EF0, L: 0.49 mi , W: 50 yd)
	06/19/15 16:31 CST		10K	Source: NWS Storm Survey
A brief tornado occurred just south of Illinois Highway 14 along County Road 7. Several tree limbs were broken. Corn stalks were flattened. A play set was blown over. The tornado moved northwest across County Road 7. Peak winds were estimated near 75 mph.				
FRANKLIN COUNTY --- 1.0 S SESSER [38.09, -89.05]				

Storm Data and Unusual Weather Phenomena - June 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/19/15 16:56 CST		0	Funnel Cloud
	06/19/15 16:56 CST		0	Source: Trained Spotter

A trained spotter reported the funnel cloud was moving west. The spotter was following the circulation along a westward-moving rain band associated with the remnants of Tropical Storm Bill.

ALEXANDER COUNTY --- CAIRO [37.00, -89.18]

06/19/15 17:00 CST	0	Heavy Rain
06/19/15 18:30 CST	0	Source: Trained Spotter

Minor street flooding was reported. Two city blocks were covered with water.

PERRY COUNTY --- 4.4 ENE SUNFIELD [38.08, -89.15]

06/19/15 17:01 CST	0	Tornado (EF0, L: 0.10 mi , W: 30 yd)
06/19/15 17:01 CST	0	Source: Trained Spotter

A trained spotter reported a brief tornado touchdown. No damage was reported. This tornado was likely associated with the westward-moving funnel cloud that passed near Sesser in Franklin County.

JACKSON COUNTY --- 1.6 SE CARBONDALE [37.71, -89.20], 2.1 NE CARBONDALE [37.74, -89.20], 2.1 NW HARRISON [37.80, -89.35], 3.0 E SAND RIDGE [37.72, -89.38]

06/19/15 17:10 CST	10K	Flash Flood (due to Heavy Rain / Tropical System)
06/19/15 20:15 CST	0	Source: Trained Spotter

Widespread street flooding was reported in the cities of Carbondale and Murphysboro. The daily rainfall total at the Carbondale airport was 3.17 inches.

PERRY COUNTY --- 1.5 NE CLINCH [37.98, -89.21], 1.1 E DU QUOIN [38.02, -89.21], 0.9 SSW ST JOHNS [38.02, -89.26], 2.0 SSW DU QUOIN [38.00, -89.25]

06/19/15 17:15 CST	0	Flash Flood (due to Heavy Rain / Tropical System)
06/19/15 20:15 CST	0	Source: Emergency Manager

Widespread street flooding was reported throughout DuQuoin. U.S. Highway 51 was among the roads that were underwater.

WILLIAMSON COUNTY --- CAMBRIA [37.78, -89.12], 4.3 SSW CARTERVILLE [37.69, -89.10], 2.7 NNE HUDGENS [37.68, -88.91], 1.0 NE PITTSBURG [37.78, -88.84]

06/19/15 18:25 CST	0	Flash Flood (due to Heavy Rain / Tropical System)
06/19/15 21:14 CST	0	Source: Trained Spotter

Street flooding occurred in Marion. A city intersection was impassable. Near Cambria, water was over Cambria Road in numerous locations. In Pittsburg, streets were underwater with widespread flooding.

WHITE COUNTY --- CROSSVILLE [38.17, -88.07]

06/19/15 19:45 CST	0	Heavy Rain
06/19/15 23:45 CST	0	Source: Trained Spotter

Creeks were starting to overflow onto roadways and into yards.

SALINE COUNTY --- 1.9 S LEDFORD [37.67, -88.58], MITCHELLSVILLE [37.65, -88.53], 0.6 SE GASKINS CITY [37.72, -88.51], 0.6 ENE INGRAMS [37.72, -88.56]

06/19/15 22:15 CST	0	Flash Flood (due to Heavy Rain / Tropical System)
06/19/15 23:30 CST	0	Source: Broadcast Media

Water was over Illinois Highway 145 in at least three locations. The locations were all south of Harrisburg. The water was over both the north and southbound lanes at the intersection of County Road 18.

WAYNE COUNTY --- WAYNE CITY [38.35, -88.58], 4.4 SW BARNHILL [38.23, -88.43], 2.1 SSE BARNHILL [38.25, -88.36], 1.7 S SIMS [38.35, -88.53]

06/20/15 02:00 CST	3K	Flood (due to Heavy Rain / Tropical System)
06/23/15 16:00 CST	0	Source: River/Stream Gage

The Skillet Fork River crested at its fourth highest level on record, inches above the floods of 2011 and 2008. Major flooding of the Skillet Fork River occurred. At the Wayne City gage, the river crested at 23.55 feet on the evening of June 20. Flood stage there is 15 feet, and major flooding begins at 20 feet. Considerable flooding of low-lying fields occurred. Some homes threatened by the floodwaters were sandbagged, and rural roads were closed.

Storm Data and Unusual Weather Phenomena - June 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

Rain bands associated with the remnants of Tropical Storm Bill produced isolated tornadoes and locally very heavy rainfall. The convective character of the bands increased during the afternoon due to short intervals of sunshine that destabilized the atmosphere. The surface low pressure center that constituted the remnants of Bill was located over the extreme southeast corner of Missouri during the afternoon. Rain bands rotated northwest and westward across southern Illinois ahead of the low pressure center. The very heavy rainfall produced localized flash flooding of roads, and the Skillet Fork River crested almost 9 feet above flood stage.

FRANKLIN COUNTY --- BENTON [38.00, -88.92]

	06/21/15 16:00 CST		0	Heavy Rain
	06/21/15 16:50 CST		0	Source: Broadcast Media

Minor street flooding was reported.

FRANKLIN COUNTY --- BENTON [38.00, -88.92]

	06/21/15 16:02 CST		2K	Thunderstorm Wind (EG 52 kt)
	06/21/15 16:02 CST		0	Source: Amateur Radio

A large tree was blown down. with isolated power outages reported.

Isolated thunderstorms formed along an old thunderstorm outflow boundary over southern Illinois. The storms expanded in coverage as they moved southeast into western Kentucky. A few storms produced gusty winds and very heavy rain.

JEFFERSON COUNTY --- BELLE RIVE [38.23, -88.73]

	06/25/15 20:45 CST		40K	Thunderstorm Wind (EG 70 kt)
	06/25/15 20:45 CST		0	Source: Law Enforcement

A barn was destroyed, and trees were blown down.

HAMILTON COUNTY --- MC LEANSBORO [38.10, -88.53]

	06/25/15 21:00 CST		10K	Thunderstorm Wind (EG 56 kt)
	06/25/15 21:00 CST		0	Source: Broadcast Media

Several trees and power lines were blown down.

WHITE COUNTY --- CARMi MUNI ARPT [38.10, -88.15]

	06/25/15 21:15 CST		0	Thunderstorm Wind (MG 55 kt)
	06/25/15 21:15 CST		0	Source: AWOS

A wind gust to 63 mph was measured at the Carmi Airport.

Severe thunderstorms developed within an increasingly unstable air mass to the south of a cold front. Moderate vertical wind shear supported organized southeastward-moving storms with damaging winds.

INDIANA, Southwest

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

	06/12/15 18:00 CST		4K	Thunderstorm Wind (EG 52 kt)
	06/12/15 18:00 CST		0	Source: NWS Employee

Two trees were blown down and tents were blown around. An off-duty meteorologist estimated winds gusted to 60 mph.

A warm front extended eastward from a low pressure center over central Missouri. Small clusters of thunderstorms along the warm front produced isolated strong wind gusts.

VANDERBURGH COUNTY --- 8.0 W EVANSVILLE [37.98, -87.70]

	06/16/15 22:43 CST		0	Hail (1.00 in)
	06/16/15 22:43 CST		0	Source: Public

A social media user posted a photo of the hail.

VANDERBURGH COUNTY --- 6.0 W EVANSVILLE [37.98, -87.66]

Storm Data and Unusual Weather Phenomena - June 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/16/15 22:50 CST		0	Hail (0.75 in)
	06/16/15 22:50 CST		0	Source: Trained Spotter

GIBSON COUNTY --- 1.1 ESE HAUBSTADT [38.19, -87.55]

06/16/15 23:18 CST	2K	Thunderstorm Wind (EG 52 kt)
06/16/15 23:18 CST	0	Source: Law Enforcement

Construction signs were blown down at the intersection of U.S. Highway 41 and Indiana Highway 68.

Clusters of thunderstorms persisted well into the night ahead of a low-amplitude mid-level shortwave trough. These storms moved eastward through a corridor of very moist air, with precipitable water values approaching two inches. The convection was near and south of a surface front that extended from Iowa to southern Ohio. A few storms produced strong gusty winds and isolated large hail.

VANDERBURGH COUNTY --- 0.7 WNW ELLIOTT [38.12, -87.48]

06/19/15 14:02 CST	3K	Thunderstorm Wind (EG 56 kt)
06/19/15 14:02 CST	0	Source: Trained Spotter

Trees were blown down near Highway 57 just west of the Interstate 69 interchange.

VANDERBURGH COUNTY --- 4.5 SE EVANSVILLE [37.93, -87.50], 3.0 SE SMYTHE [37.97, -87.45], 1.3 ENE SMYTHE [38.01, -87.46], 0.9 W EVANSVILLE SKYLN ARP [38.02, -87.60], 1.0 ENE HOWELL [37.98, -87.61]

06/19/15 15:45 CST	0	Flash Flood (due to Heavy Rain / Tropical System)
06/19/15 19:30 CST	0	Source: Trained Spotter

Several highway exits throughout the city of Evansville were flooded. A few rural roadways outside the city were shut down. Creeks and ditches were flowing out of their banks. The daily rainfall total for the 19th at the Evansville airport was 3.65 inches.

Rain bands associated with the remnants of Tropical Storm Bill produced isolated strong winds and very heavy rain. The convective character of the bands increased during the afternoon due to short intervals of sunshine that destabilized the atmosphere. The surface low pressure center that constituted the remnants of Bill was located over the extreme southeast corner of Missouri during the afternoon.

PIKE COUNTY --- PETERSBURG [38.50, -87.28], 0.9 NNW PETERSBURG [38.51, -87.29], 5.0 NNW ALGIERS [38.55, -87.20], 1.7 NW IVY [38.52, -87.14], 2.3 NE IVY [38.53, -87.09], 2.3 E IVY [38.51, -87.08]

06/20/15 08:00 EST	2K	Flood (due to Heavy Rain)
06/30/15 23:59 EST	10K	Source: River/Stream Gage

Minor flooding occurred along the White River. Low-lying woods and fields near the river were inundated. State Route 257 was flooded. Numerous Pike County roads were flooded, including County Roads 750N, 600N, and 1000E east of State Route 57. West of State Route 57, County Roads 250W, 400W, 675N, 700N, 1000W, 900W, 700W, and 775W were flooded. Low agricultural lands and low oil fields were inundated. The flooding continued into July.

GIBSON COUNTY --- HAZLETON [38.48, -87.53], 2.0 ENE GIRO [38.51, -87.43], 1.8 NNE GIRO [38.52, -87.46], 0.9 N HAZLETON [38.49, -87.53]

06/20/15 18:30 CST	3K	Flood (due to Heavy Rain)
06/30/15 23:59 CST	2K	Source: River/Stream Gage

Minor flooding occurred along the White River. Low-lying woods and fields near the river were inundated. High water affected any residents in Pottsville river cabins. A few streets were flooded and impassable. Oil stripped fields were flooded. Flood gates were installed at Hazleton. A softball field was underwater. The flooding continued into July.

GIBSON COUNTY --- EAST MT CARMEL [38.40, -87.73], 3.2 W CRAWLEYVILLE [38.27, -87.89], 2.3 SSW CRAWLEYVILLE [38.25, -87.84], 1.4 SE EAST MT CARMEL [38.38, -87.71]

06/20/15 21:00 CST	3K	Flood (due to Heavy Rain)
06/30/15 23:59 CST	5K	Source: River/Stream Gage

Moderate flooding occurred on the Wabash River. At the Mount Carmel river gage, the river crested at 25.8 feet on the 29th. Flood stage is 19 feet. Extensive lowland flooding occurred. Numerous local river roads were flooded. Some mobile homes were moved out of the flood plain. Access to local camp sites and river cabins was blocked, but there was minimal impact to commercial activities. Some nearby oil fields were inaccessible. The flooding continued into July.

POSEY COUNTY --- NEW HARMONY [38.13, -87.93], 0.5 NW NEW HARMONY [38.14, -87.94], 1.0 N NEW HARMONY [38.14, -87.93], 2.0 N NEW HARMONY [38.16, -87.93], 2.0 NE NEW HARMONY [38.15, -87.91]

06/21/15 10:00 CST	3K	Flood (due to Heavy Rain)
06/30/15 23:59 CST	2K	Source: River/Stream Gage

Storm Data and Unusual Weather Phenomena - June 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Minor flooding occurred along the Wabash River. Low-lying fields, woodlands, and some oil wells were flooded in the flood plain. The flooding continued into July.				

GIBSON COUNTY --- PATOKA [38.42, -87.58], 0.5 NE LYLE [38.37, -87.64], 2.1 SSE WHEELING [38.39, -87.43], 0.6 SSE WHEELING [38.41, -87.45]				
	06/24/15 09:00 CST		0	Flood (due to Heavy Rain)
	06/30/15 23:59 CST		0	Source: River/Stream Gage

Minor flooding occurred along the Patoka River. Low-lying fields and woodlands near the river were inundated. The flooding continued into July.

Widespread river flooding occurred as a result of several heavy rain events in June. The remnants of Tropical Storm Bill on the 19th were responsible for widespread heavy rain that drove the smaller rivers above flood stage. Flooding of the White and Wabash Rivers was due to excessive rainfall in the upper portions of both river basins. Both Illinois and Indiana recorded their wettest Junes on record. June was also in the top five wettest months on record for both states.

VANDERBURGH COUNTY --- EVANSVILLE [37.98, -87.55]				
	06/21/15 19:10 CST		0	Heavy Rain
	06/21/15 20:15 CST		0	Source: Public

Minor street flooding was reported. A spotter reported 1.3 inches of rain in one hour on the southeast side of Evansville.

SPENCER COUNTY --- 2.5 NW CHRISNEY [38.05, -87.06], 1.6 N CHRISNEY [38.04, -87.02], 0.5 SSE CHRISNEY [38.01, -87.03], 1.3 NNE CENTERVILLE [38.02, -87.06]				
	06/22/15 04:20 CST		0	Flash Flood (due to Heavy Rain)
	06/22/15 06:00 CST		0	Source: Law Enforcement

Water was over the road at the intersection of Old Highway 231 and County Road 1000N, at the east fork of Little Pigeon Creek.

Isolated thunderstorms formed along an old thunderstorm outflow boundary over southern Illinois and western Kentucky. The storms congealed into a mass of heavy rain as they propagated east across southwest Indiana in the evening. Late at night, another mesoscale convective system increased in size as it moved southeast across southwest Indiana. This second system produced isolated flash flooding.

SPENCER COUNTY --- ROCKPORT [37.88, -87.05]				
	06/26/15 14:15 CST		0	Heavy Rain
	06/26/15 15:01 CST		0	Source: Trained Spotter

A trained spotter measured 1.5 inches of rain in 40 minutes.

A line of thunderstorms formed along a weakening convective outflow boundary as it moved southeast across the Lower Ohio Valley. Locally heavy rainfall occurred.

KENTUCKY, Southwest

CHRISTIAN COUNTY --- 7.0 SW HOPKINSVILLE [36.78, -87.57], 1.6 NE CHURCH HILL [36.82, -87.55]				
	06/08/15 06:06 CST		20K	Thunderstorm Wind (EG 74 kt)
	06/08/15 06:10 CST		5K	Source: NWS Storm Survey

A microburst began near Interstate 24 southwest of Hopkinsville and tracked 2.5 miles to the northeast. The microburst moved along State Highway 695. At least a dozen trees were uprooted or snapped. Dozens of tree limbs were blown down. Areas of wheat and corn crops were blown over. At least one shed was damaged by a falling tree. The path width of the microburst was about a third of a mile.

CHRISTIAN COUNTY --- PEMBROKE [36.78, -87.35]				
	06/08/15 11:15 CST		0	Hail (1.00 in)
	06/08/15 11:15 CST		0	Source: Trained Spotter

MARSHALL COUNTY --- AURORA [36.78, -88.13]				
	06/08/15 11:50 CST		0	Hail (1.00 in)
	06/08/15 11:50 CST		0	Source: Public

MARSHALL COUNTY --- CALVERT CITY [37.03, -88.35]				
---	--	--	--	--

Storm Data and Unusual Weather Phenomena - June 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/08/15 12:20 CST		0	Hail (1.25 in)
	06/08/15 12:20 CST		0	Source: Broadcast Media
The local fire department reported the ground was covered with quarter-size to half dollar-size hail.				
<hr/>				
TODD COUNTY --- 5.0 NW ELKTON [36.87, -87.21], 4.0 NE ELKTON [36.86, -87.10]				
	06/08/15 12:27 CST		0.12M	Thunderstorm Wind (EG 83 kt)
	06/08/15 12:40 CST		0	Source: NWS Storm Survey
Destructive thunderstorm winds estimated up to 95 mph snapped or uprooted dozens of large trees. A mobile home had major damage to walls on one end. At least a half dozen homes had mainly minor shingle and siding damage. One barn was leveled, with at least ten others receiving some loss of roof and siding. Most of the damage occurred along and near Highways 106, 171, and a couple of rural county roads. The path length was six miles, and the path width was about two miles.				
<hr/>				
TRIGG COUNTY --- 5.0 ENE ROCKCASTLE [36.93, -87.89]				
	06/08/15 13:02 CST		30K	Thunderstorm Wind (EG 56 kt)
	06/08/15 13:02 CST		0	Source: Emergency Manager
Trees were blown down on power lines, knocking out power to an estimated 100 homes.				
<hr/>				
CALLOWAY COUNTY --- 2.0 NW MURRAY [36.64, -88.35], 1.2 SSW VAN CLEAVE [36.63, -88.23]				
	06/08/15 13:05 CST		10K	Thunderstorm Wind (EG 56 kt)
	06/08/15 13:10 CST		0	Source: Trained Spotter
Downed trees were reported along Highway 94 East. Trees were damaged on the northwest side of Murray. Isolated power outages were reported in rural areas of the county.				
Scattered thunderstorms increased in coverage and intensity over western Kentucky. A moist and unstable atmosphere, coupled with favorable winds aloft, resulted in isolated large hail and damaging winds. The storms developed along and ahead of a cold front that trailed southwest from a low pressure center over the Great Lakes region.				
<hr/>				
MCCRACKEN COUNTY --- 0.9 SSE WOODLAWN [37.04, -88.57]				
	06/13/15 11:50 CST		20K	Lightning
	06/13/15 11:50 CST		0	Source: Public
A house was struck by lightning in a neighborhood just southeast of the Paducah city limits. The resulting house fire caused extensive damage.				
A cluster of thunderstorms with intense lightning developed in a broad southerly flow of warm and humid air. Lightning struck a house near Paducah.				
<hr/>				
GRAVES COUNTY --- FARMINGTON [36.67, -88.52]				
	06/19/15 12:28 CST		1K	Thunderstorm Wind (EG 56 kt)
	06/19/15 12:28 CST		0	Source: NWS Storm Survey
Large tree branches were broken.				
<hr/>				
GRAVES COUNTY --- 2.0 NW GOLO [36.75, -88.51]				
	06/19/15 12:29 CST		0	Thunderstorm Wind (EG 52 kt)
	06/19/15 12:29 CST		0	Source: NWS Storm Survey
Small tree limbs were broken at several locations northwest of Golo.				
<hr/>				
GRAVES COUNTY --- 0.5 N FARMINGTON [36.68, -88.52], 2.2 NE FARMINGTON [36.69, -88.50]				
	06/19/15 12:30 CST		4K	Tornado (EF0, L: 1.79 mi , W: 150 yd)
	06/19/15 12:36 CST		5K	Source: NWS Storm Survey

Several trees and tree limbs were blown down. Swaths of corn and wheat were blown down in farm fields. The tornado began along Kentucky Highway 80 near Farmington, then moved northeast across Highway 564. Peak winds were estimated by a damage survey team near 75 mph. The average path width was about 75 yards.

Rain bands associated with the remnants of Tropical Storm Bill produced isolated tornadoes and locally strong winds. The convective character of the bands increased during the afternoon due to short intervals of sunshine that destabilized the atmosphere. The surface low pressure center that constituted the remnants of Bill was located over the extreme southeast corner of Missouri during the afternoon. Rain bands rotated northward across western Kentucky ahead of the low pressure center.

Storm Data and Unusual Weather Phenomena - June 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HENDERSON COUNTY --- 1.6 NNE HENDERSON [37.85, -87.57]				
	06/21/15 19:23 CST		0	Hail (1.00 in)
	06/21/15 19:23 CST		0	Source: Public
There were a few reports of quarter-size hail on the north side of the city.				
DAVISS COUNTY --- 4.0 W OWENSBORO [37.77, -87.19]				
	06/21/15 19:26 CST		0	Hail (0.88 in)
	06/21/15 19:26 CST		0	Source: Broadcast Media
Nickel-size hail was reported in the western part of Daviess County.				
DAVISS COUNTY --- 2.1 ENE OWENSBORO [37.78, -87.08], 0.7 SW DERMOT [37.74, -87.04], 1.9 E ROME [37.72, -87.14], 1.1 N (OWB)OWENSBORO ARPT [37.77, -87.17], 1.5 NW OWENSBORO [37.79, -87.14]				
	06/21/15 20:14 CST		0	Flash Flood (due to Heavy Rain)
	06/21/15 22:15 CST		0	Source: Social Media
Many photos of multiple flooded roads throughout Owensboro were posted on social media. The automated rain gage at the Owensboro airport measured 1.96 inches in one hour.				
Isolated thunderstorms formed along an old thunderstorm outflow boundary over southern Illinois. The storms expanded in coverage as they moved southeast into western Kentucky. A few storms produced gusty winds and hail. The storms congealed into a mass of heavy rain over the Owensboro area, resulting in an urban flash flood.				
GRAVES COUNTY --- 1.0 W GOLO [36.73, -88.50]				
	06/26/15 11:04 CST		0	Hail (1.00 in)
	06/26/15 11:04 CST		0	Source: Public
GRAVES COUNTY --- 1.0 W GOLO [36.73, -88.50]				
	06/26/15 11:04 CST		8K	Thunderstorm Wind (EG 52 kt)
	06/26/15 11:04 CST		0	Source: NWS Employee
Numerous medium to large tree limbs and a couple of trees were blown down.				
CARLISLE COUNTY --- 3.5 ENE CUNNINGHAM [36.94, -88.82]				
	06/26/15 11:20 CST		1K	Thunderstorm Wind (EG 56 kt)
	06/26/15 11:20 CST		0	Source: SHAVE Project
A couple of trees were blown down on a farm.				
CARLISLE COUNTY --- CUNNINGHAM [36.92, -88.88], 3.6 ENE CUNNINGHAM [36.94, -88.82]				
	06/26/15 11:30 CST		0	Hail (1.00 in)
	06/26/15 11:45 CST		0	Source: SHAVE Project
GRAVES COUNTY --- 3.0 N KANSAS [36.94, -88.72]				
	06/26/15 11:50 CST		0	Hail (0.88 in)
	06/26/15 11:50 CST		0	Source: Public
GRAVES COUNTY --- 3.0 N KANSAS [36.94, -88.72], BOAZ [36.88, -88.63]				
	06/26/15 11:50 CST		23K	Thunderstorm Wind (EG 52 kt)
	06/26/15 11:55 CST		0	Source: Public
In the Melber area, a swing set was blown over, and numerous tree limbs were down. In Boaz, a tree fell on a house.				
MARSHALL COUNTY --- 2.0 E HARDIN [36.77, -88.26]				
	06/26/15 11:50 CST		1K	Thunderstorm Wind (EG 52 kt)
	06/26/15 11:50 CST		0	Source: Emergency Manager
Numerous small branches were blown down on Highway 402 between Hardin and Aurora.				
MARSHALL COUNTY --- PALMA [36.97, -88.37]				

Storm Data and Unusual Weather Phenomena - June 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/26/15 12:30 CST		5K	Thunderstorm Wind (EG 52 kt)
	06/26/15 12:30 CST		0	Source: Emergency Manager

Several power lines were down.

HOPKINS COUNTY --- MORTONS GAP [37.23, -87.48]

06/26/15 12:53 CST	5K	Thunderstorm Wind (EG 52 kt)
06/26/15 12:53 CST	0	Source: Law Enforcement

Power lines were blown down.

GRAVES COUNTY --- 3.0 N KANSAS [36.94, -88.72]

06/26/15 13:07 CST	0	Thunderstorm Wind (EG 52 kt)
06/26/15 13:07 CST	0	Source: Public

Wind gusts were estimated near 60 mph with some small limbs down in the Melber area. This was the second severe storm of the afternoon for Melber.

HOPKINS COUNTY --- MADISONVILLE [37.33, -87.50]

06/26/15 13:15 CST	6K	Thunderstorm Wind (EG 56 kt)
06/26/15 13:15 CST	0	Source: Law Enforcement

Trees were blown down, blocking roads.

CARLISLE COUNTY --- 2.9 ENE CUNNINGHAM [36.93, -88.83]

06/26/15 13:40 CST	1K	Thunderstorm Wind (EG 52 kt)
06/26/15 13:40 CST	0	Source: Emergency Manager

A large tree was blown down.

MCCRACKEN COUNTY --- 3.5 SW CAMELIA [36.98, -88.82], 2.4 SSW CAMELIA [36.99, -88.79]

06/26/15 13:48 CST	0	Hail (2.00 in)
06/26/15 13:53 CST	0	Source: Public

A photo of the hail was posted on a social media website. Hail slightly larger than golf balls occurred in extreme southwest McCracken County, from the Ballard County line near Lovelaceville to two miles northeast of Lovelaceville.

CARLISLE COUNTY --- 0.6 E CUNNINGHAM [36.92, -88.87], 1.7 WNW KIRBYTON [36.86, -88.88], 3.2 SSW MAGEE SPGS [36.88, -88.94], 1.7 W MAGEE SPGS [36.92, -88.95]

06/26/15 14:00 CST	0	Flash Flood (due to Heavy Rain)
06/26/15 15:00 CST	0	Source: Emergency Manager

Many roads quickly became water-covered and hazardous.

UNION COUNTY --- STURGIS [37.55, -87.98]

06/26/15 14:00 CST	0	Heavy Rain
06/26/15 15:30 CST	0	Source: Trained Spotter

Water covered several roads.

CHRISTIAN COUNTY --- LA FAYETTE [36.67, -87.65]

06/26/15 14:25 CST	10K	Thunderstorm Wind (EG 52 kt)
06/26/15 14:25 CST	0	Source: Trained Spotter

Outbuildings were damaged, and small trees were blown down. Winds were estimated near 60 mph.

GRAVES COUNTY --- 1.9 SW WEST VIOLA [36.83, -88.68], 1.0 N HICKORY [36.83, -88.63], 2.2 WNW MAYFIELD GRAVES ARPT [36.78, -88.62], 3.6 SSW HICKORY [36.78, -88.67]

06/26/15 14:30 CST	0	Flash Flood (due to Heavy Rain)
06/26/15 16:24 CST	0	Source: Public

U.S. Highway 45 was flooded. Water was reported over some other roads, as well.

Storm Data and Unusual Weather Phenomena - June 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HICKMAN COUNTY --- 4.0 NW CLINTON [36.71, -89.03], 6.0 NNE CLINTON [36.75, -88.94]	06/26/15 14:37 CST		5K	Thunderstorm Wind (EG 56 kt)
	06/26/15 14:42 CST		0	Source: Law Enforcement

Trees were blown down.

HICKMAN COUNTY --- 0.8 ENE SOUTH COLUMBUS [36.75, -89.09], 3.0 ESE SOUTH COLUMBUS [36.74, -89.05], 2.1 NW CLINTON [36.69, -89.01], 3.2 N OAKTON [36.72, -89.06]	06/26/15 15:05 CST		0	Flash Flood (due to Heavy Rain)
	06/26/15 16:15 CST		0	Source: Law Enforcement

Water completely covered Highway 58 between Clinton and Columbus.

Clusters of thunderstorms intensified across western Kentucky during the afternoon. The storms then propagated slowly southeastward through a moderately unstable environment, with mixed-layer capes around 2000 j/kg. Effective bulk wind shear values of 30 to 40 knots were favorable for organized convection. Damaging wind gusts accompanied the strongest storms, and some isolated large hail was reported. The storms formed along and ahead of a weakening convective outflow boundary as it moved southeast across the Lower Ohio Valley. Some places were in the path of two or three clusters of storms. The resulting heavy rainfall totals over moist ground resulted in isolated flash flooding.

MISSOURI, Southeast

CAPE GIRARDEAU COUNTY --- 1.5 ENE GULF JCT [37.28, -89.52], 5.3 ESE GULF JCT [37.23, -89.47], 1.4 E SHARPSBORO [37.22, -89.70], 0.8 NNE MARQUETTE [37.28, -89.56], 1.1 SSE EGYPT MILLS [37.39, -89.46], 2.5 SE BAINBRIDGE [37.39, -89.42]	06/09/15 13:00 CST		5K	Flood (due to Heavy Rain)
	06/30/15 23:59 CST		0.10M	Source: River/Stream Gage

Major flooding of the Mississippi River occurred. At the Cape Girardeau river gage, the river crested at 42.88 feet on the 23rd. Flood stage is 32 feet. This was comparable to the flood of early July, 2008. Over 100,000 acres were flooded. A few flood gates were closed in the Cape Girardeau floodwall. The combination of the floodwall and pumping stations prevents downtown Cape Girardeau from flooding during major floods. Highway 177 was closed at the northern city limits of Cape Girardeau, but a motorist disregarded the closure and stalled in the water. Emergency crews rescued the driver, who was not injured. Several other county roads were closed, including County Roads 525 and 535. Facilities at riverfront parks were closed, including the campground at Trail of Tears State Park. Near Dutchtown, a makeshift levee was built along Highway 74 to try to stop backwater flooding of the Mississippi River diversion channel. Most residents of Dutchtown have accepted a government buyout of their property, leaving only a few permanent residents behind. Across the county, flood risk reduction measures that were installed after the massive flood of 2011 helped mitigate damage. Personnel from the U.S. Army Corps of Engineers were assessing the effectiveness of these measures, which included trenches and relief wells. The Corps of Engineers conducted daily inspections of levees for seepage and other problems. The flooding continued into July.

PERRY COUNTY --- WITTENBURG [37.65, -89.53], 1.3 NNW RED ROCK [37.77, -89.69], 1.1 NE RED ROCK [37.76, -89.67], 1.3 ESE STARLAND [37.69, -89.56]	06/09/15 13:00 CST		10K	Flood (due to Heavy Rain)
	06/30/15 23:59 CST		0	Source: Broadcast Media

Major flooding occurred along the Mississippi River. Residents of the small community of Wittenberg along the river were forced to evacuate or use boats to reach their property. Most houses along the river have been abandoned after being repeatedly flooded over the years. Railroad tracks near Wittenberg were undermined by heavy rains draining into the river, but the tracks were not damaged. The flooding continued into July.

SCOTT COUNTY --- COMMERCE [37.15, -89.45], 1.2 ESE ILLMO [37.21, -89.48], 2.2 ENE ILLMO [37.23, -89.46], 0.8 ENE COMMERCE [37.15, -89.44]	06/09/15 13:00 CST		40K	Flood (due to Heavy Rain)
	06/30/15 23:59 CST		0.10M	Source: Broadcast Media

Major flooding of the Mississippi River occurred. Three homes on Scott County Road 308 alongside the Mississippi River were underwater, with up to a foot of water covering the first floor. Over 100,000 acres of fields were flooded, including lots of cropland. The primary effect on residents near the river was difficult access due to flooded roads. Access to the small community of Commerce was affected. Flood risk reduction measures that were installed after the massive flood of 2011 helped mitigate damage. Personnel from the U.S. Army Corps of Engineers were assessing the effectiveness of these measures, which included trenches and relief wells. The Corps of Engineers conducted daily inspections of levees for seepage and other problems. The flooding continued into July.

Major flooding of the Mississippi River was due to excessive rainfall in the upper portions of the river basin. Illinois recorded its wettest June on record. June was also in the top five wettest months on record for Illinois.

Storm Data and Unusual Weather Phenomena - June 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
PERRY COUNTY --- PERRYVILLE [37.72, -89.87], 1.5 NW BREWERVILLE [37.80, -89.95], 1.6 NNE BREWER [37.80, -89.91], 1.5 NNE PERRYVILLE [37.74, -89.86]				
	06/19/15 13:00 CST		10K	Flash Flood (due to Heavy Rain / Tropical System)
	06/19/15 16:00 CST		0	Source: Broadcast Media

A mudslide occurred on U.S. Highway 51 just north of the Perryville city limits.

CAPE GIRARDEAU COUNTY --- 1.3 WNW CAPE GIRARDEAU [37.31, -89.55], 1.3 NE CAPE GIRARDEAU [37.31, -89.51], 3.9 S EGYPT MILLS [37.34, -89.46], 3.7 N CAPE GIRARDEAU [37.35, -89.53]				
	06/19/15 13:14 CST		0	Flash Flood (due to Heavy Rain / Tropical System)
	06/19/15 16:00 CST		0	Source: Emergency Manager

An intersection on the north side of Cape Girardeau was closed due to flooding. The storm-total rainfall was 2.38 inches at the Cape Girardeau airport.

WAYNE COUNTY --- 2.4 NE SILVA [37.20, -90.50], 2.0 N GREENVILLE [37.16, -90.47], 2.0 ESE SILVA [37.16, -90.49], 2.0 NNE SILVA [37.20, -90.51]				
	06/20/15 02:00 CST		2K	Flood (due to Heavy Rain / Tropical System)
	06/21/15 02:30 CST		0	Source: River/Stream Gage

Minor flooding occurred along the St. Francis River. Low-lying fields and woodlands were inundated, including a few campgrounds.

Rain bands associated with the remnants of Tropical Storm Bill produced locally very heavy rain. The convective character of the bands increased during the afternoon due to short intervals of sunshine that destabilized the atmosphere. The surface low pressure center that constituted the remnants of Bill was located over the extreme southeast corner of Missouri during the afternoon. Rain bands rotated northwest and westward across southeast Missouri to the north of the low pressure center. The heavy rainfall caused some isolated street flooding and pushed the St. Francis River above flood stage.