

Storm Data and Unusual Weather Phenomena - June 2007

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

JACKSON (IL-Z084)

	06/07/07 10:00 CST	1K	Strong Wind (MAX 40 kt)
	06/07/07 14:00 CST	0	

A deep low pressure system over the northern Plains, combined with strong high pressure just off the Atlantic coast, resulted in a tight pressure gradient. The peak wind gust at the Carbondale airport was 46 MPH from the south.

FRANKLIN COUNTY

1.0 NW HANAFORD	06/08/07 06:05 CST	20K	Thunderstorm Wind (EG 52 kt)
	06/08/07 06:05 CST	0	37.9602N, 88.843W

A large elm tree fell on part of a home's roof. The entire side of a nearby pole barn was blown away. Scraps of metal from the barn were blown across the street. Trees were downed in the area.

SALINE COUNTY

5.0 NW GALATIA	06/08/07 06:22 CST	0.13M	Thunderstorm Wind (EG 70 kt)
2.0 NE RALEIGH	06/08/07 06:32 CST	0	37.8811N, 88.6847W ~ 37.8404N, 88.5041W

Extensive wind damage occurred in northwest and north central Saline County. A carport was blown on top of a mobile home. The wall of the mobile home was punctured by the carport. A large tree limb landed on the mobile home. Parts of a metal roof were peeled off another home. A large number of trees were down through the area. One tree landed on a pickup truck. Approximately 20 trees were uprooted or snapped in and around a cemetery. Some of the trees were greater than two feet in diameter. There was damage to cemetery buildings, including a chapel, gazebo, and outbuilding. Window panes were blown out of an adjacent church built in 1906, and cross beams were broken around the bell tower. A moving vehicle struck a downed tree at least 2 feet in diameter on Route 34. The driver was taken to a local hospital for a leg injury. The pattern and orientation of the damage suggested downburst winds.

WHITE COUNTY

CARMICROSSVILLE	06/08/07 06:55 CST	50K	Thunderstorm Wind (EG 56 kt)
	06/08/07 07:05 CST	0	38.08N, 88.17W ~ 38.17N, 88.07W

Numerous trees were blown down from Crossville to Carmi. At Crossville, a home was heavily damaged when a large tree crashed through a kitchen window. Several other property owners in the Crossville area sustained minor wind damage. Trees were reported down over several roadways. A vehicle struck a downed tree in the Phillipstown area. Numerous power outages lingered through the day. Electrical service was restored to all customers within about 12 hours.

WHITE COUNTY

GRAYVILLE	06/08/07 07:00 CST	4K	Lightning
	06/08/07 07:00 CST	0	38.27N, 88W

Lightning struck a tree, sending parts of it crashing onto a mobile home. The mobile home received minor damage.

WILLIAMSON COUNTY

2.0 W MARION	06/08/07 07:40 CST	0	Heavy Rain
	06/08/07 08:20 CST	0	37.73N, 88.9666W

Typical minor street flooding was reported after 0.51 inch of rain fell in 24 minutes.

A cold front moved southeast across the Mid-Mississippi Valley during the morning. Short lines of thunderstorms with isolated damaging winds developed in advance of the front.

WHITE COUNTY

1.0 WNW CARMICROSSVILLE	06/14/07 14:45 CST	0.10M	Thunderstorm Wind (EG 65 kt)
	06/14/07 14:45 CST	0	38.0855N, 88.187W

Extensive wind damage occurred, primarily on the west side of Carmi. Trees were snapped or uprooted, limbs were broken, and power poles were snapped. Some damage occurred to structures, such as the removal of the roof from a metal building and shifting of a rear garage wall. A travel trailer was rolled. A dumpster was blown onto a roadway. Debris from an equipment business was blown onto the parking lot of a nearby business. Some of the debris landed on vehicles. The damage area was approximately 1 mile by 1.5 miles. Very little or no damage was reported in downtown Carmi or eastern parts of town.

An isolated damaging wind event occurred in a thunderstorm associated with an upper level shortwave trough. The shortwave rotated southward around the back side of a stationary upper level low over the middle Atlantic states.

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SALINE COUNTY

5.0 E HARRISBURG	06/18/07 18:35 CST		5K	Thunderstorm Wind (EG 50 kt)
7.0 E HARRISBURG	06/18/07 18:38 CST		0	37.73N, 88.4586W ~ 37.73N, 88.422W

Wind snapped about 20 trees along Old Route 13 and Illinois Route 13. Two of the trees briefly covered Old Illinois Route 13.

A thunderstorm reached severe levels during the heat of the afternoon. A weak upper level shortwave trough over the Plains, combined with a very moist south wind at the surface, was responsible for the activity.

JACKSON COUNTY

CARBONDALE	06/25/07 09:00 CST		0	Heavy Rain
	06/25/07 09:45 CST		0	37.72N, 89.22W

Street flooding occurred due to heavy thunderstorm rains. Along one section of Illinois Route 13, water was up to the bumpers of cars. More than three-quarters of an inch of rain fell within an hour.

A persistent, weak 500 mb trough axis extending from northeast to southwest along the Ohio River Valley helped trigger more slow-moving thunderstorms.

SALINE COUNTY

1.0 SSE HARRISBURG	06/26/07 12:27 CST		5K	Thunderstorm Wind (EG 50 kt)
3.0 SSE HARRISBURG	06/26/07 12:27 CST		0	37.7166N, 88.543W ~ 37.6899N, 88.529W

Trees were blown down.

GALLATIN COUNTY

JUNCTION	06/26/07 12:55 CST		0	Hail (1.00 in)
	06/26/07 12:55 CST		0	37.72N, 88.23W

Report relayed by SHAVE (Severe Hazards Analysis and Verification Experiment).

GALLATIN COUNTY

2.0 S JUNCTION	06/26/07 13:00 CST		0	Thunderstorm Wind (EG 52 kt)
	06/26/07 13:00 CST		0	37.6911N, 88.23W

A trained spotter estimated a wind gust to 60 MPH.

Isolated severe thunderstorms developed during the heat of the day. A very weak 500 mb trough axis extended from west to east across the Lower Ohio Valley.

SALINE COUNTY

1.0 S HARRISBURG	06/27/07 13:30 CST		3K	Thunderstorm Wind (EG 50 kt)
	06/27/07 13:30 CST		0	37.7155N, 88.55W

A few power lines were blown down.

An isolated thunderstorm briefly reached severe levels during the peak heating of the day.

MASSAC COUNTY

BROOKPORT	06/29/07 14:45 CST		0	Flash Flood (due to Heavy Rain)
	06/29/07 16:45 CST		0	37.12N, 88.63W

Street flooding occurred in southeast portions of the county.

Slow-moving thunderstorms developed along a cold front as it pushed southeast across the Lower Ohio Valley during the afternoon.

INDIANA, Southwest

VANDERBURGH COUNTY

(EVV)DRESS ARPT EVAN	06/01/07 13:28 CST		5K	Thunderstorm Wind (MG 51 kt)
4.0 N (EVV)DRESS ARPT EVAN	06/01/07 13:28 CST		0	38.03N, 87.53W ~ 38.0878N, 87.53W

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A wind gust to 59 MPH was measured at the Evansville Airport by ASOS (Automated Surface Observation System). A house roof was damaged in a subdivision near the airport.

VANDERBURGH COUNTY

EVANSVILLE DRESS ARP	06/01/07 16:04 CST		0	Thunderstorm Wind (MG 51 kt)
	06/01/07 16:04 CST		0	38.03N, 87.53W

For the second time during the afternoon, a wind gust to 59 MPH was measured at the Evansville Regional Airport.

A couple of isolated severe thunderstorm wind gusts occurred during the warmest part of the day. A deep, moist southwest flow at the surface and aloft contributed to moderate instability.

POSEY COUNTY

NEW HARMONY	06/08/07 07:15 CST		5K	Thunderstorm Wind (EG 50 kt)
	06/08/07 07:15 CST		0	38.13N, 87.93W

Large trees were blown down along a street.

GIBSON COUNTY

OWENSVILLE	06/08/07 07:30 CST		6K	Thunderstorm Wind (EG 50 kt)
	06/08/07 07:30 CST		0	38.27N, 87.68W

Trees and power lines were downed.

A cold front moved southeast across the Mid-Mississippi Valley during the morning. Short lines of thunderstorms with isolated damaging winds developed in advance of the front.

PIKE COUNTY

2.0 S WINSLOW	06/23/07 18:46 EST		0	Hail (0.75 in)
	06/23/07 18:46 EST		0	38.3511N, 87.22W

Low pressure tracked slowly east across central Illinois during the day. A south to southwest flow of very warm and humid air feeding into this system contributed to an isolated severe storm near Winslow.

POSEY COUNTY

1.0 N WADESVILLE	06/26/07 14:50 CST		10K	Thunderstorm Wind (EG 50 kt)
	06/26/07 14:50 CST		0	38.1145N, 87.78W

Trees were blown down, including one that fell on a house and another that fell across a road.

POSEY COUNTY

WADESVILLE	06/26/07 15:30 CST		0	Heavy Rain
	06/26/07 16:30 CST		0	38.1N, 87.78W

Street flooding was reported.

Isolated severe thunderstorms developed during the heat of the day. A very weak 500 mb trough axis extended from west to east across the Lower Ohio Valley.

KENTUCKY, Southwest

BALLARD COUNTY

SLATER	06/02/07 17:15 CST		9K	Thunderstorm Wind (EG 56 kt)
2.0 S SLATER	06/02/07 17:21 CST		0	37.02N, 88.98W ~ 36.9911N, 88.98W

A large pole barn was blown down. Two holes were punched into the roof of a house by debris. Trees were down in the area.

Isolated severe thunderstorm events occurred during the warmest part of the day. An upper level low over the north central Plains and a moist southerly low level flow contributed to the storms.

MCCRACKEN COUNTY

PADUCAH	06/05/07 13:50 CST		0	Hail (0.75 in)
	06/05/07 13:50 CST		0	37.08N, 88.63W

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Dime-size hail was reported in downtown Paducah near the Ohio River.				
MCCRACKEN COUNTY				
REIDLAND	06/05/07 13:55 CST		1K	Thunderstorm Wind (EG 50 kt)
	06/05/07 13:55 CST		0	37.02N, 88.53W
Large tree limbs were reported down.				
Isolated severe weather events occurred near Paducah as the leading edge of cooler and drier air reached the Lower Ohio Valley.				
BALLARD COUNTY				
GAGE	06/08/07 07:45 CST		4K	Thunderstorm Wind (EG 52 kt)
	06/08/07 07:45 CST		0	36.98N, 88.88W
Downed trees were reported along Highway 286.				
MCCRACKEN COUNTY				
LONE OAK	06/08/07 08:10 CST		75K	Thunderstorm Wind (EG 74 kt)
WOODLAWN	06/08/07 08:15 CST		0	37.03N, 88.67W ~ 37.05N, 88.57W
In the community of Hendron, an unoccupied mobile home was rolled over and destroyed. In the same area, a carport was destroyed, and numerous large trees and power lines were blown down. One tree punched a hole in the roof of a mobile home. Other trees were down across roads. The apparent microburst damage was about one-half mile long by 50 yards wide. Spottier damage in the form of isolated downed trees occurred east and west of the microburst. In Lone Oak, a large tree was blown down across a high dollar-value house. The tree came through the roof into the living room. In Woodlawn and Reidland, isolated trees and power lines were down. Tree tops were blown 50 to 75 feet in the Reidland area.				
GRAVES COUNTY				
2.0 S MAYFIELD	06/08/07 08:35 CST		9K	Thunderstorm Wind (EG 52 kt)
	06/08/07 08:35 CST		0	36.7011N, 88.63W
Trees and power lines were down.				
MCCRACKEN COUNTY				
2.0 E LONE OAK	06/08/07 08:45 CST		5K	Lightning
	06/08/07 08:45 CST		0	37.03N, 88.6338W
Lightning struck a garage and started a fire that damaged the outside of the building.				
CALLOWAY COUNTY				
MURRAY ARPT	06/08/07 08:54 CST		4K	Thunderstorm Wind (MG 52 kt)
3.0 E DEXTER	06/08/07 08:55 CST		0	36.67N, 88.37W ~ 36.75N, 88.2259W
A wind gust to 60 MPH was measured by an automated observing system at the Murray airport. Numerous trees were blown down along Highway 1346 near Dexter.				
HOPKINS COUNTY				
MADISONVILLE	06/08/07 09:15 CST		0	Heavy Rain
	06/08/07 09:55 CST		0	37.33N, 87.5W
Minor street flooding was reported in the city.				
TRIGG COUNTY				
2.0 NE CADIZ	06/08/07 09:30 CST		3K	Thunderstorm Wind (EG 52 kt)
	06/08/07 09:30 CST		0	36.8904N, 87.7944W
Trees were reported down off Interstate 24 near the Cadiz exit. One of the trees took down part of a fence, which allowed several cows to escape onto the interstate.				
MARSHALL COUNTY				
FAIRDEALING	06/08/07 10:00 CST		6K	Lightning
	06/08/07 10:00 CST		0	36.85N, 88.23W
Lightning struck a house, starting a fire.				

A cold front moved southeast across the Mid-Mississippi Valley during the morning. Short lines of thunderstorms with isolated

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damaging winds developed in advance of the front.				
FULTON (KY-Z001), HICKMAN (KY-Z002), CARLISLE (KY-Z003), BALLARD (KY-Z004), MCCRACKEN (KY-Z005), GRAVES (KY-Z006), LIVINGSTON (KY-Z007), MARSHALL (KY-Z008), CALLOWAY (KY-Z009), CRITTENDEN (KY-Z010), LYON (KY-Z011), TRIGG (KY-Z012), CALDWELL (KY-Z013), UNION (KY-Z014), WEBSTER (KY-Z015), HOPKINS (KY-Z016), CHRISTIAN (KY-Z017), HENDERSON (KY-Z018), DAVIESS (KY-Z019), MCLEAN (KY-Z020), MUHLENBERG (KY-Z021), TODD (KY-Z022)				
	06/10/07 00:00 CST		0	Drought
	06/26/07 00:00 CST		0	

By mid-month, drought conditions were classified as severe for parts of western Kentucky. The severe drought classification was south of a line from Murray to Madisonville, including the Hopkinsville area. The rest of western Kentucky was in a moderate drought as determined by the "Drought Monitor," a multi-agency effort involving several state and federal organizations. Less than 25 percent of the normal rainfall fell across most of western Kentucky during the first few weeks of June. The hardest hit of those areas was the Pennyriple region (from Madisonville south), where only 5 to 10 percent of normal rainfall occurred. For the year-to-date, some locations in the Pennyriple region were 10 to 14 inches below normal. The Commonwealth of Kentucky issued a "Water Shortage Watch" for Muhlenberg County, meaning that drinking water supplies could potentially be threatened. Outdoor burning was banned in Muhlenberg County. Dry topsoil resulted in poor crop conditions. Statewide, 61 percent of pastureland and around 25 percent of the corn, soybean, and tobacco crops were rated poor or very poor. Many streams and some of the larger rivers were below their normal flows. Kentucky Lake and Lake Barkley were a little over one-half foot below their normal summer pool levels. By the end of the month, several days of scattered thunderstorms brought drought relief. Areas south of a line from Murray to Madisonville were classified as being in a moderate drought. The rest of western Kentucky was removed from the drought classification. Crops benefited greatly from the mid-summer rainfall.

MUHLENBERG COUNTY

1.0 N WEIR	06/18/07 14:35 CST		0	Hail (1.00 in)
	06/18/07 14:35 CST		0	37.1345N, 87.22W

Nickel to quarter size hail was reported.

MUHLENBERG COUNTY

2.5 S GREENVILLE	06/18/07 14:35 CST		45K	Thunderstorm Wind (EG 70 kt)
WEIR	06/18/07 14:35 CST		0	37.1639N, 87.18W ~ 37.12N, 87.22W

A house trailer was flipped over and destroyed, old metal outbuildings were destroyed, and a metal roof was tossed about 100 yards. The damage area extended from Weir north along Highway 171 toward Greenville. Large trees were uprooted, and the tops of several 12 to 14-inch diameter trees were blown off. The trailer was not tied down.

UNION COUNTY

UNIONTOWN	06/18/07 16:03 CST		0	Hail (0.75 in)
	06/18/07 16:03 CST		0	37.77N, 87.93W

A few thunderstorms reached severe levels during the heat of the afternoon. A weak upper level shortwave trough over the Plains, combined with a very moist south wind at the surface, was responsible for the activity.

LIVINGSTON COUNTY

1.0 SE SMITHLAND	06/23/07 14:32 CST		35K	Thunderstorm Wind (EG 56 kt)
5.0 SE SMITHLAND	06/23/07 14:42 CST		0	37.1198N, 88.3872W ~ 37.0789N, 88.3359W

Numerous trees were blown down along Kentucky Highway 453. One of the trees landed on a house, trapping a person inside. Another tree landed on a car. The highway was closed for over an hour. No injuries were reported.

WEBSTER COUNTY

CLAY	06/23/07 14:41 CST		15K	Thunderstorm Wind (EG 61 kt)
	06/23/07 14:41 CST		0	37.48N, 87.83W

About half of a roof was blown off a house. The roofing landed on a second house. Several trees and numerous power lines were down.

DAVIESS COUNTY

5.0 S OWENSBORO	06/23/07 15:38 CST		0	Hail (1.00 in)
MASONVILLE	06/23/07 15:48 CST		0	37.6977N, 87.12W ~ 37.67N, 87.03W

Nickel to quarter size hail was reported. The ground was nearly covered by hail in Masonville.

CARLISLE COUNTY

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BARDWELL	06/23/07 17:34 CST		0	Hail (0.88 in)
	06/23/07 17:34 CST		0	36.87N, 89.02W

CARLISLE COUNTY

BARDWELL	06/23/07 17:34 CST		4K	Thunderstorm Wind (EG 52 kt)
	06/23/07 17:34 CST		0	36.87N, 89.02W

Wind gusts estimated near 60 MPH blew down trees.

Low pressure tracked slowly east across central Illinois during the day. A south to southwest flow of very warm and humid air feeding into this system contributed to locally severe storms over the Lower Ohio Valley.

TRIGG COUNTY

CERULEAN	06/25/07 16:05 CST		0	Hail (0.88 in)
	06/25/07 16:05 CST		0	36.97N, 87.72W

TRIGG COUNTY

2.0 NW CERULEAN	06/25/07 16:07 CST		2K	Thunderstorm Wind (EG 50 kt)
	06/25/07 16:07 CST		0	36.9904N, 87.7456W

A few trees were down along Highway 126.

CALDWELL COUNTY

4.0 NE COBB	06/25/07 16:14 CST		8K	Thunderstorm Wind (EG 52 kt)
	06/25/07 16:14 CST		0	37.0209N, 87.7188W

On Highway 91, trees up to two feet in diameter were blown down.

A weak 500 mb trough axis extending from northeast to southwest along the Ohio River Valley helped trigger isolated severe thunderstorms.

MCCRACKEN COUNTY

PADUCAH	06/26/07 12:25 CST		0	Heavy Rain
	06/26/07 13:30 CST		0	37.08N, 88.63W

Street flooding occurred as a result of rainfall rates between 2 and 3 inches per hour. On Business Loop U.S. 60 in Paducah, water was up to the bottoms of car doors. Cars stalled out in an intersection.

FULTON COUNTY

HICKMAN	06/26/07 12:30 CST		0	Heavy Rain
	06/26/07 13:30 CST		0	36.57N, 89.18W

The state department of highways measured 2.30 inches of rain in 45 to 60 minutes. Some water was reported over roads.

GRAVES COUNTY

5.0 N MAYFIELD	06/26/07 13:00 CST		0	Heavy Rain
	06/26/07 13:30 CST		0	36.8023N, 88.63W

A trained spotter measured 1.8 inches of rain in 25 minutes.

MARSHALL COUNTY

CALVERT CITY	06/26/07 13:00 CST		6K	Lightning
	06/26/07 13:00 CST		0	37.03N, 88.35W

Lightning started a house fire on U.S. Highway 62.

GRAVES COUNTY

1.0 E CUBA	06/26/07 14:45 CST		0	Thunderstorm Wind (EG 52 kt)
	06/26/07 14:45 CST		0	36.58N, 88.602W

A trained spotter estimated a gust to 60 MPH.

Isolated severe thunderstorms developed during the heat of the day. A very weak 500 mb trough axis extended from west to east across the Lower Ohio Valley. The slow movement of the storms, combined with high atmospheric moisture content, resulted in locally very heavy rain.

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MCLEAN COUNTY

LIVERMORE	06/28/07 17:15 CST		0	Flash Flood (due to Heavy Rain)
ISLAND	06/28/07 18:30 CST		0	37.48N, 87.13W ~ 37.45N, 87.15W

Standing water was reported on secondary roads off U.S. 431 between Livermore and Island. A co-operative observer in Livermore measured 1.5 inches within an hour. Total rainfall was estimated by radar from 3 to 6 inches over southern parts of the county.

HOPKINS COUNTY

MADISONVILLE	06/28/07 17:20 CST		5K	Flash Flood (due to Heavy Rain)
	06/28/07 19:00 CST		0	37.33N, 87.5W

Up to 6 inches of water was on roads in downtown Madisonville. Water entered at least one business. Sewers and storm drains were backed up.

Thunderstorms increased during the peak heating of the day. The combination of slow storm movement and high atmospheric moisture content resulted in isolated flash flooding.

CALLOWAY COUNTY

MURRAY	06/29/07 13:10 CST		0	Heavy Rain
	06/29/07 14:10 CST		0	36.62N, 88.32W

Street flooding was reported in the city of Murray.

BALLARD COUNTY

BARLOW	06/29/07 14:45 CST		0	Flash Flood (due to Heavy Rain)
KEVIL	06/29/07 15:30 CST		0	37.05N, 89.05W ~ 37.08N, 88.9W

Widespread flooding of streets and secondary roads occurred countywide.

GRAVES COUNTY

FANCY FARM	06/29/07 14:45 CST		0	Flash Flood (due to Heavy Rain)
SYMSONIA	06/29/07 15:30 CST		0	36.8N, 88.78W ~ 36.92N, 88.52W

Considerable street flooding occurred in northern sections of the county, where the heaviest rain fell. Only some minor street flooding was reported at Mayfield.

MCCRACKEN COUNTY

WEST PADUCAH	06/29/07 14:45 CST		2K	Flash Flood (due to Heavy Rain)
REIDLAND	06/29/07 16:45 CST		0	37.08N, 88.75W ~ 37.02N, 88.53W

The automated observing system at the National Weather Service office at Barkley Regional Airport measured about 2.65 inches of rain in one hour. Extensive street flooding was reported countywide. Water crept into the county courthouse basement, wetting some carpet. Four people were injured in a rear-end collision on Interstate 24 when several vehicles slowed in the heavy rain. Standing water on U.S. Highway 60 near the Ballard County line contributed to an accident.

HOPKINS COUNTY

MORTONS GAP	06/29/07 15:40 CST		0	Heavy Rain
NORTONVILLE	06/29/07 17:30 CST		0	37.23N, 87.48W ~ 37.2N, 87.47W

Minor flooding was reported.

Slow-moving thunderstorms developed along a cold front as it pushed southeast across the Lower Ohio Valley during the afternoon. Training of storms occurred in the Paducah area, meaning that a series of storms repeatedly tracked along the same path.

MISSOURI, Southeast

PERRY COUNTY

LONGTOWN	06/23/07 15:55 CST		0	Hail (1.00 in)
	06/23/07 15:55 CST		0	37.67N, 89.78W

PERRY COUNTY

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LONGTOWN	06/23/07 15:55 CST		25K	Thunderstorm Wind (EG 52 kt)
	06/23/07 15:55 CST		0	37.67N, 89.78W

Winds tore part of the roof from a house located on U.S. Highway 61. Around 10,000 dollars damage occurred to the house. An antenna was wrapped around an air conditioning unit. Numerous trees were blown down in the area.

Low pressure tracked slowly east across central Illinois during the day. A south to southwest flow of very warm and humid air feeding into this system contributed to an isolated severe storm near Perryville.

CAPE GIRARDEAU COUNTY

3.0 S JACKSON	06/24/07 16:45 CST		0	Hail (0.88 in)
	06/24/07 16:45 CST		0	37.3366N, 89.67W

CAPE GIRARDEAU COUNTY

CAPE GIRARDEAU	06/24/07 17:30 CST		15K	Flash Flood (due to Heavy Rain)
	06/24/07 19:00 CST		0	37.3N, 89.53W

Major flooding of several intersections occurred. At least four cars were in water up to the windows. About 15 flooded areas were reported in the city. Most of the vehicles caught in the water were towed. The flooding occurred on city streets in northern parts of the city of Cape Girardeau.

A weak 500 mb shortwave trough from the Great Lakes to Arkansas contributed to the development of afternoon convection. An isolated large hail event occurred near Jackson, MO.

RIPLEY COUNTY

DONIPHAN	06/30/07 18:45 CST		0	Heavy Rain
	06/30/07 19:30 CST		0	36.62N, 90.82W

Ponding of water occurred on roadways, and a small amount of standing water collected in low-lying areas. Rainfall was measured at 1.5 inches within 45 minutes.

A slow-moving thunderstorm formed along the eastern edge of very moist and unstable air over the Plains.