

Storm Data and Unusual Weather Phenomena - November 2014

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

(IL-Z075) JEFFERSON, (IL-Z076) WAYNE, (IL-Z077) EDWARDS, (IL-Z078) WABASH, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z082) HAMILTON, (IL-Z083) WHITE, (IL-Z084) JACKSON, (IL-Z085) WILLIAMSON, (IL-Z086) SALINE, (IL-Z087) GALLATIN, (IL-Z088) UNION, (IL-Z089) JOHNSON, (IL-Z090) POPE, (IL-Z091) HARDIN, (IL-Z092) ALEXANDER, (IL-Z093) PULASKI, (IL-Z094) MASSAC

11/01/14 22:00 CST	0	Frost/Freeze
11/02/14 07:00 CST	0	

A killing freeze affected all of southern Illinois, effectively ending the growing season. Low temperatures were in the lower to mid 20's. Specific observed low temperatures included 21 degrees at Mount Vernon and Carbondale, 23 degrees at Harrisburg and Carmi, 25 degrees at Fairfield and Metropolis, and 27 degrees at Marion and Cairo. A surface high pressure ridge moved east across the Mid-Mississippi and Lower Ohio Valleys during the early morning hours. This high provided light winds and clear skies, setting the stage for a hard freeze.

(IL-Z075) JEFFERSON, (IL-Z076) WAYNE, (IL-Z077) EDWARDS, (IL-Z078) WABASH, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z082) HAMILTON, (IL-Z083) WHITE, (IL-Z084) JACKSON, (IL-Z085) WILLIAMSON, (IL-Z086) SALINE, (IL-Z088) UNION

11/16/14 17:00 CST	0	Winter Weather
11/16/14 23:00 CST	0	

(IL-Z087) GALLATIN, (IL-Z089) JOHNSON, (IL-Z090) POPE, (IL-Z091) HARDIN, (IL-Z092) ALEXANDER, (IL-Z093) PULASKI, (IL-Z094) MASSAC

11/16/14 17:00 CST	0	Heavy Snow
11/17/14 03:00 CST	0	

An early season snowfall blanketed southern Illinois. The heaviest snowfall amounts were in counties along the Ohio River, where anywhere from three to five inches fell. These higher amounts also fell in the hilly terrain of Johnson County. Across the remainder of southern Illinois, snowfall ranged from one to three inches. A weak low pressure system developed over the northern Gulf of Mexico, then moved northeast into Alabama. This system threw moisture northward into unseasonably cold air over the Lower Ohio Valley, resulting in widespread snow. Specific snowfall amounts included 5 inches at Tunnel Hill (Johnson County), 4 inches at Eddyville (Pope County), 4 inches at Mound City (Pulaski County), 3 inches at Metropolis (Massac County), 3 inches at Harrisburg (Saline County), 3 inches at Rosiclare (Hardin County), 2 inches at Marion (Williamson County), 2 inches at Mount Erie (Wayne County), one inch near Murphysboro (Jackson County), and one inch near Mount Vernon (Jefferson County). The snow fell at temperatures right near freezing on relatively warm pavement. The highest accumulations were on grassy areas. Roads were slush-covered and slippery during and immediately after the period of heaviest snow.

(IL-Z085) WILLIAMSON, (IL-Z088) UNION, (IL-Z089) JOHNSON, (IL-Z090) POPE, (IL-Z092) ALEXANDER, (IL-Z093) PULASKI, (IL-Z094) MASSAC

11/24/14 02:00 CST	7K	Strong Wind (MAX 43 kt)
11/24/14 07:00 CST	0	

Strong winds occurred along a cold front as it swept east across southern Illinois. The cold front trailed southward from a low pressure center near Chicago. Wind gusts reached 45 mph in far southern Illinois from Marion south, including all counties along the Ohio River. Wind gusts were measured to 49 mph at the Marion airport and 45 mph at the airport near Cairo.

INDIANA, Southwest

(IN-Z081) GIBSON, (IN-Z082) PIKE, (IN-Z085) POSEY, (IN-Z086) VANDERBURGH, (IN-Z087) WARRICK, (IN-Z088) SPENCER

11/01/14 22:00 CST	0	Frost/Freeze
11/02/14 07:00 CST	0	

A killing freeze affected all of southwest Indiana, effectively ending the growing season. Low temperatures were in the mid 20's. Specific observed low temperatures included 26 degrees at Evansville and 27 degrees at Stendal in Pike County. A surface high pressure ridge moved east across the Mid-Mississippi and Lower Ohio Valleys during the early morning hours. This high provided light winds and clear skies, setting the stage for a hard freeze.

(IN-Z081) GIBSON, (IN-Z082) PIKE

11/16/14 18:00 CST	0	Winter Weather
11/17/14 06:00 CST	0	

(IN-Z085) POSEY, (IN-Z086) VANDERBURGH, (IN-Z087) WARRICK, (IN-Z088) SPENCER

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	11/16/14 18:00 CST		0	Heavy Snow
	11/17/14 06:00 CST		0	

An early season snowfall blanketed southwest Indiana. Snowfall amounts were heaviest in counties along the Ohio River, where anywhere from three to five inches was measured. To the north, Gibson and Pike Counties reported from two to three inches. A weak low pressure system developed over the northern Gulf of Mexico, then moved northeast into Alabama. This system threw moisture northward into unseasonably cold air over the Lower Ohio Valley, resulting in widespread snow. Specific snowfall amounts included 5 inches at Chandler and Newburgh (both in Warrick County), 4 inches at Rockport (Spencer County), 4 inches in Evansville (Vanderburgh County), 4 inches at Mount Vernon (Posey County), 2 inches at Petersburg (Pike County), and 2 inches at Princeton (Gibson County). The snow fell at temperatures right near freezing on relatively warm pavement. The highest accumulations were on grassy areas. Roads were slush-covered and slippery during the period of heaviest snow and immediately after.

KENTUCKY, Southwest

(KY-Z001) FULTON, (KY-Z002) HICKMAN, (KY-Z003) CARLISLE, (KY-Z004) BALLARD, (KY-Z005) MCCRACKEN, (KY-Z006) GRAVES, (KY-Z007) LIVINGSTON, (KY-Z008) MARSHALL, (KY-Z009) CALLOWAY, (KY-Z010) CRITTENDEN, (KY-Z011) LYON, (KY-Z012) TRIGG, (KY-Z013) CALDWELL, (KY-Z014) UNION, (KY-Z015) WEBSTER, (KY-Z016) HOPKINS, (KY-Z017) CHRISTIAN, (KY-Z018) HENDERSON, (KY-Z019) DAVIESS, (KY-Z020) MCLEAN, (KY-Z021) MUHLENBERG, (KY-Z022) TODD

11/01/14 22:00 CST	0	Frost/Freeze
11/02/14 07:00 CST	0	

A killing freeze affected all of western Kentucky, effectively ending the growing season. Low temperatures were in the lower to mid 20's. Specific observed low temperatures included 22 degrees at Providence in Webster County, 23 degrees at the Paducah NWS office, 24 degrees at Madisonville, 25 degrees at Hopkinsville, Owensboro, and Marion, and 27 degrees at Mayfield and Murray. A surface high pressure ridge moved east across the Mid-Mississippi and Lower Ohio Valleys during the early morning hours. This high provided light winds and clear skies, setting the stage for a hard freeze.

(KY-Z004) BALLARD, (KY-Z005) MCCRACKEN, (KY-Z007) LIVINGSTON, (KY-Z010) CRITTENDEN, (KY-Z014) UNION, (KY-Z015) WEBSTER, (KY-Z018) HENDERSON, (KY-Z019) DAVIESS

11/16/14 18:00 CST	0	Heavy Snow
11/17/14 06:00 CST	0	

(KY-Z001) FULTON, (KY-Z002) HICKMAN, (KY-Z003) CARLISLE, (KY-Z006) GRAVES, (KY-Z008) MARSHALL, (KY-Z011) LYON, (KY-Z013) CALDWELL, (KY-Z016) HOPKINS, (KY-Z020) MCLEAN, (KY-Z021) MUHLENBERG

11/16/14 20:00 CST	0	Winter Weather
11/17/14 06:00 CST	0	

Part of western Kentucky experienced its heaviest snowfall for so early in the season. The heaviest snowfall amounts were in counties along the Ohio River, which received anywhere from three to five inches. To the southeast of the Ohio River counties, anywhere from one to three inches fell along a corridor from Fulton and Mayfield to Princeton and Madisonville. Less than an inch was reported along the Tennessee border from Murray to Hopkinsville. The National Weather Service office at Paducah measured 2.8 inches, which was the heaviest snowfall for so early in the season. A weak low pressure system developed over the northern Gulf of Mexico, then moved northeast into Alabama. This system threw moisture northward into unseasonably cold air over the Lower Ohio Valley, resulting in widespread snow. Specific snowfall amounts included 5 inches at Morganfield (Union County), 5 inches about five miles south of Owensboro (Davies County), 4 inches at Kevil (Ballard County), 3 inches at Paducah (McCracken County), 3 inches at Marion (Crittenden County), 3 inches at Hanson (Hopkins County), 2.5 inches at Eddyville (Lyon County), 2 inches at Dublin (Graves County), and one inch at Hickman (Fulton County). The snow fell at temperatures right near freezing on relatively warm pavement. The highest accumulations were on grassy areas. Roads were slush-covered and slippery during the period of heaviest snow.

(KY-Z001) FULTON, (KY-Z002) HICKMAN, (KY-Z003) CARLISLE, (KY-Z004) BALLARD, (KY-Z005) MCCRACKEN, (KY-Z006) GRAVES, (KY-Z007) LIVINGSTON, (KY-Z008) MARSHALL, (KY-Z009) CALLOWAY, (KY-Z011) LYON, (KY-Z012) TRIGG, (KY-Z013) CALDWELL, (KY-Z016) HOPKINS, (KY-Z017) CHRISTIAN, (KY-Z021) MUHLENBERG, (KY-Z022) TODD

11/24/14 03:00 CST	16K	Strong Wind (MAX 47 kt)
11/24/14 07:00 CST	0	

Strong winds occurred along a cold front as it swept east across western Kentucky. The cold front trailed southward from a low pressure center near Chicago. Wind gusts reached 45 mph generally along and south of a line from Paducah to Madisonville. Winds gusted to 54 mph at the mesonet site near Princeton, 49 mph at Paducah, 47 mph at the mesonet site near Cadiz, 46 mph at the mesonet site about 6 miles southwest of Mayfield, 46 mph near Benton, and 45 mph near Madisonville and six miles north of Hopkinsville.

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MISSOURI, Southeast

(MO-Z076) PERRY, (MO-Z086) BOLLINGER, (MO-Z087) CAPE GIRARDEAU, (MO-Z100) WAYNE, (MO-Z107) CARTER, (MO-Z108) RIPLEY, (MO-Z109) BUTLER, (MO-Z110) STODDARD, (MO-Z111) SCOTT, (MO-Z112) MISSISSIPPI, (MO-Z114) NEW MADRID

11/01/14 22:00 CST	0	Frost/Freeze
11/02/14 07:00 CST	0	

A killing freeze affected all of southeast Missouri, effectively ending the growing season. Low temperatures were in the mid 20's. Specific observed low temperatures included 24 degrees at Cape Girardeau and Doniphan, and 26 degrees at Poplar Bluff and Jackson. A surface high pressure ridge moved east across the Mid-Mississippi and Lower Ohio Valleys during the early morning hours. This high provided light winds and clear skies, setting the stage for a hard freeze.

(MO-Z076) PERRY, (MO-Z086) BOLLINGER, (MO-Z087) CAPE GIRARDEAU, (MO-Z100) WAYNE, (MO-Z107) CARTER, (MO-Z108) RIPLEY, (MO-Z109) BUTLER, (MO-Z110) STODDARD, (MO-Z112) MISSISSIPPI, (MO-Z114) NEW MADRID

11/16/14 16:00 CST	0	Winter Weather
11/16/14 23:30 CST	0	

(MO-Z111) SCOTT

11/16/14 16:00 CST	0	Heavy Snow
11/17/14 02:00 CST	0	

An early season snowfall blanketed southeast Missouri. Snowfall amounts ranged from one to three inches across most areas except for Scott County. In Scott County, snowfall reports averaged four to five inches. A weak low pressure system developed over the northern Gulf of Mexico, then moved northeast into Alabama. This system threw moisture northward into unseasonably cold air over southeast Missouri, resulting in widespread snow. Specific snowfall amounts included 5 inches near Scott City (Scott County), 3.5 inches near Poplar Bluff (Butler County), 3 inches at Doniphan (Ripley County), one inch at Cape Girardeau (Cape Girardeau County), and one inch at Marble Hill (Bollinger County). The snow fell at temperatures right near freezing on relatively warm pavement. The highest accumulations were on grassy areas. Roads were slush-covered and slippery during the period of heaviest snow.