



National Weather Service

Storm Data and Unusual Weather Phenomena



January 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons	Estimated Damage	Character of Storm
					Killed	Injured	Property Crops

ILLINOIS, South

ILZ084 **Jackson**

01	1000CST				0	0	Flood
05	1200CST						

Minor flooding of the Big Muddy River occurred. The river crested at 16.9 feet, less than a foot above flood stage, on January 3. Some low-lying fields near the river were flooded.

ILZ087 **Gallatin**

07	0300CST				0	0	Flood
09	1900CST						

The Ohio River exceeded the 33-foot flood stage at Shawneetown by just a few inches. Minor flooding of low-lying fields near the river occurred.

ILZ088>090-092>094 **Union - Johnson - Pope - Alexander - Pulaski - Massac**

16	0500CST				0	0	Winter Storm
	1600CST						

The storm hit during the morning commute time on a weekday, so it had a major impact on traffic. The snow fell at the rate of 1 to 2 inches per hour around the morning drive time. Many schools cancelled classes. By noon, most of the accumulating snow had ended, leaving a blanket of 3 to 4 inches in most places. Cold temperatures limited the effectiveness of salt used by road crews, and some minor blowing and drifting occurred. Temperatures were in the 20's during the snowstorm, and around 10 by the morning of the 17th. Refreezing of moisture occurred after dark, causing another round of accidents after the snow had ended. The snow was caused by a moderately strong upper level disturbance that moved east from the Plains, then across Tennessee. A weak low pressure system followed about the same path, passing just south of Missouri and Kentucky. Some specific snowfall amounts included: 4 inches at Cairo and Mound City, and 3 inches at Anna (Union County) and Eddyville (Pope County). Only the southern tip of Illinois received these heavier snow totals. Carbondale and points north received 2 inches or less.

ILZ075>078-080>094 **Jefferson - Wayne - Edwards - Wabash - Perry - Franklin - Hamilton - White - Jackson - Williamson - Saline - Gallatin - Union - Johnson - Pope - Hardin - Alexander - Pulaski - Massac**

22	1400CST				0	0	Winter Weather/Mix
	2000CST						

One to three inches of snow fell across southern Illinois during the afternoon and early evening. Roads became very slick and hazardous.

ILZ075>078-080>094 **Jefferson - Wayne - Edwards - Wabash - Perry - Franklin - Hamilton - White - Jackson - Williamson - Saline - Gallatin - Union - Johnson - Pope - Hardin - Alexander - Pulaski - Massac**

23	0400CST				0	0	Extreme Cold/Wind Chill
	1200CST						

Wind chills fell to between minus 10 and minus 15 across southern Illinois during the morning. This cold snap was just one of many cases of harsh winter weather during January. At Paducah, KY, preliminary figures indicate January of 2003 was the eighth coldest January on record, and the coldest since 1985. After the relatively mild winters of the past several years, the bitter mid-winter cold came as a shock to many. Temperatures fell below zero at many locations for the first time in several years. At Carbondale, the low temperature on January 24 was minus 6. The prolonged cold weather resulted in numerous frozen pipes, as well as problems with heating systems. A number of house fires were blamed on overtaxed heating systems. At least one ice rescue was conducted when children fell through thin ice on a pond in Fort Massac State Park in Metropolis.



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INDIANA, Southwest

INZ081>082	Gibson - Pike	02 1900CST 09 1000CST			0	0			Flood
<p>Minor flooding of the White River occurred. At Hazelton, where flood stage is 16 feet, the river crested at 17.5 feet. At Petersburg, where flood stage is also 16 feet, the crest was at 17.2 feet. Some low-lying fields near the river were flooded.</p>									
INZ081>082-085>088	Gibson - Pike - Posey - Vanderburgh - Warrick - Spencer	16 0500CST 1800CST			0	0			Winter Weather/Mix
<p>Although the heaviest snow fell across western Kentucky, there was an inch or two of snow along and south of Interstate 64 in southwest Indiana. A series of accidents closed a portion of the Lloyd Expressway in Evansville during the evening commute.</p>									
INZ081>082-085>088	Gibson - Pike - Posey - Vanderburgh - Warrick - Spencer	18 1100CST 1600CST			0	0			Winter Weather/Mix
<p>Around one inch of snow fell across southwest Indiana. The Indiana State Police investigated 18 vehicle accidents or slide-offs. Most of the wrecks occurred on Interstate 64 in Warrick County, between Lynnville and Dale. An accident with injuries occurred on the Ohio River bridge between Evansville, IN and Henderson, KY.</p>									
INZ081>082-085>088	Gibson - Pike - Posey - Vanderburgh - Warrick - Spencer	22 1400CST 2000CST			0	0			Winter Weather/Mix
<p>Up to two inches of snow fell across southwest Indiana. Amounts ranged from one half inch along the White River to as much as two inches near the Ohio River. Roads became slick and very hazardous.</p>									
INZ081>082-085>088	Gibson - Pike - Posey - Vanderburgh - Warrick - Spencer	23 0400CST 1200CST			0	0			Extreme Cold/Wind Chill
<p>Wind chills fell to 12 below zero across southwest Indiana during the morning hours. The extremely cold weather was a factor in the closing of schools in the Evansville area, and homeless shelters were filled beyond capacity. A southwest Indiana power company set a record for winter peak electric demand. This cold snap was just one of many cases of harsh winter weather during January. After the relatively mild winters of the past several years, the bitter mid-winter cold came as a shock to many. Temperatures fell below zero at some locations for the first time in several years. The low temperature at Evansville was zero, but some outlying areas were colder.</p>									

KENTUCKY, Southwest

KYZ021	Muhlenberg	01 1600CST 04 2000CST			0	0			Flood
<p>Minor flooding of the Green River occurred. At Paradise, where flood stage is 380 feet, the river crested at 381.7 feet on the 3rd. Some low-lying fields near the river were flooded.</p>									
KYZ001>013-016>017-021>022	Fulton - Hickman - Carlisle - Ballard - Mccracken - Graves - Livingston - Marshall - Calloway - Crittenden - Lyon - Trigg - Caldwell - Hopkins - Christian - Muhlenberg - Todd	16 0400CST 1800CST			0	0			Winter Storm
<p>The storm hit during the morning commute time on a weekday, so it had a major impact on traffic. The snow fell at the rate of 1 to 2 inches per hour around the morning drive time. Many schools cancelled classes. By noon, most of the accumulating snow had ended, leaving a blanket of 3 to 4 inches in most places. Cold temperatures limited the effectiveness of salt used by road crews, and some minor blowing and drifting occurred. Temperatures were in the 20's during the snowstorm, and around 10 by the morning of the 17th. Refreezing of moisture occurred after dark, causing another round of accidents after the snow had ended. The snow was</p>									



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					Killed	Injured	Property	Crops	

KENTUCKY, Southwest

caused by a moderately strong upper level disturbance that moved east from the Plains, then across Tennessee. A weak low pressure system followed about the same path, passing just south of Missouri and Kentucky.

Some specific snowfall amounts included: 4 inches at Mayfield and Murray, 3.5 inches at Paducah, 3 inches at Princeton, and 2.5 inches at Hopkinsville and Benton. The Henderson and Owensboro areas, which were north of the main snow area, received just an inch or two.

KYZ001>022	Fulton - Hickman - Carlisle - Ballard - Mccracken - Graves - Livingston - Marshall - Calloway - Crittenden - Lyon - Trigg - Caldwell - Union - Webster - Hopkins - Christian - Henderson - Daviess - Mclean - Muhlenberg - Todd
22	1400CST 2000CST
	0 0
	Winter Weather/Mix

One to two inches of snow fell across western Kentucky during the afternoon and evening. Roads became very slick and hazardous. Many schools were closed or dismissed early. Near Hopkinsville, a couple of persons were injured in vehicle accidents, including one whose car plunged into the Little River.

KYZ001>022	Fulton - Hickman - Carlisle - Ballard - Mccracken - Graves - Livingston - Marshall - Calloway - Crittenden - Lyon - Trigg - Caldwell - Union - Webster - Hopkins - Christian - Henderson - Daviess - Mclean - Muhlenberg - Todd
23	0400CST 1200CST
	0 1
	Extreme Cold/Wind Chill

Wind chills fell to 10 below zero across western Kentucky during the morning hours. The extremely cold weather was a factor in the closing of some schools. Homeless shelters were filled well beyond capacity in Owensboro and Paducah. This cold snap was just one of many cases of harsh winter weather during January. The prolonged cold weather resulted in numerous frozen pipes, as well as problems with heating systems. A number of house fires were blamed on overtaxed heating systems. An elderly woman in the Hopkinsville area was hospitalized with hypothermia after she fell in her home and was unable to summon help. At Paducah, January of 2003 was the eighth coldest January on record, and the coldest since 1985. At Evansville, where records date back into the late 1800's, January did not fall into the ten coldest winters. After the relatively mild winters of the past several years, the bitter mid-winter cold came as a shock to many. Temperatures fell below zero at many locations for the first time in several years. For example, at Paducah, the low of minus 3 on January 24 was the coldest temperature since the winter of 1996-97.

MISSOURI, Southeast

MOZ076-086>087-100-107-109>112-114	Perry - Bollinger - Cape Girardeau - Wayne - Carter - Butler - Stoddard - Scott - Mississippi - New Madrid
16	0300CST 1400CST
	0 0
	Winter Storm

The storm hit during the morning commute time on a weekday, so it had a major impact on traffic. The snow fell at the rate of 1 to 2 inches per hour around the morning drive time. Many schools cancelled classes. By noon, most of the accumulating snow had ended, leaving a blanket of 3 to 4 inches in most places. Cold temperatures limited the effectiveness of salt used by road crews, and some minor blowing and drifting occurred. Temperatures were in the 20's during the snowstorm, and around 10 by the morning of the 17th. Refreezing of moisture occurred after dark, causing another round of accidents after the snow had ended. The snow was caused by a moderately strong upper level disturbance that moved east from the Plains, then across Tennessee. A weak low pressure system followed about the same path, passing just south of Missouri and Kentucky.

Some specific snowfall totals included: 4 inches at New Madrid, 3.5 inches at Cape Girardeau, 3 inches at Sikeston, Perryville, and Van Buren, and 2 inches at Doniphan.



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MISSOURI, Southeast

MOZ076-086>087-100-107>112-114 Perry - Bollinger - Cape Girardeau - Wayne - Carter - Ripley - Butler - Stoddard - Scott - Mississippi - New Madrid

22	1400CST 2000CST			0	0				Winter Weather/Mix
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Up to 2 inches of snow fell across southeast Missouri during the afternoon and early evening. Roads became slick and very hazardous.

MOZ076-086>087-100-107>112-114 Perry - Bollinger - Cape Girardeau - Wayne - Carter - Ripley - Butler - Stoddard - Scott - Mississippi - New Madrid

23	0400CST 1200CST			0	0				Extreme Cold/Wind Chill
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Wind chills fell to around minus 10 across southeast Missouri during the morning. This cold snap was just one of many cases of harsh winter weather during January. After the relatively mild winters of the past several years, the bitter mid-winter cold came as a shock to many. Temperatures fell below zero at many locations for the first time in several years. At Cape Girardeau, the low temperature fell below zero on four days in January, including lows of minus 3 on the 23rd and 24th. The prolonged cold weather resulted in numerous frozen pipes, as well as problems with heating systems. A number of house fires were blamed on overtaxed heating systems. There were no reports of deaths or injuries related to hypothermia.