

## Storm Data and Unusual Weather Phenomena - December 2009

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

(IL-Z001) JO DAVIESS, (IL-Z002) STEPHENSON, (IL-Z007) CARROLL, (IL-Z009) WHITESIDE, (IL-Z015) ROCK ISLAND, (IL-Z016) HENRY, (IL-Z017) BUREAU, (IL-Z018) PUTNAM, (IL-Z024) MERCER, (IL-Z025) HENDERSON, (IL-Z026) WARREN, (IL-Z034) HANCOCK, (IL-Z035) MCDONOUGH	12/07/09 22:30 CST		0	Winter Storm
	12/09/09 21:15 CST		0	

A very intense storm system tracked from the Oklahoma Panhandle to western Illinois and then to Lake Huron. This had the lowest barometric pressure (975 mb or 28.79 inches) in the Midwest since the November 10, 1998 storm that also moved through the upper Midwest. This powerful winter storm produced very heavy snowfall, blizzard conditions and bitterly cold temperatures on December 8-9, 2009. Snow amounts of at least 10 to 15 inches were common north of a Fairfield, Iowa to Sterling, Illinois line. The largest amount was an incredible 17.7 inches at Orangeville, Illinois in Stephenson county. Other amounts included 15 inches at Brighton, Iowa (Washington county), Mt. Vernon, Iowa (Linn county) and at Freeport, Illinois (Stephenson county). Snowfall was much lighter in southeast Iowa, extreme northeast Missouri and west central Illinois. Here snow accumulations were 1 to 4 inches as rain and sleet mixed with the snow. A band of freezing rain from Burlington, Iowa to Sterling, Illinois coated trees and power lines with up to 3 tenths of an inch of ice. A few locations also reported thundersnows with snowfall rates of nearly 2 inches per hour. There were scattered power outages and some tree branches down. Numerous accidents and vehicles sliding into ditches were reported across the region. Many schools and businesses were also closed. In addition, winds gusting over 50 mph produced widespread blizzard conditions across much of eastern Iowa and extreme northeast Missouri, reducing visibilities to near zero on December 9.

(IL-Z001) JO DAVIESS, (IL-Z002) STEPHENSON, (IL-Z007) CARROLL, (IL-Z009) WHITESIDE, (IL-Z017) BUREAU, (IL-Z018) PUTNAM	12/21/09 18:30 CST		0	Winter Weather
	12/22/09 11:00 CST		0	

An upper air disturbance, combined with a warm front lifting across the region, produced a band of light snow over northeast Iowa and northwest Illinois on December 21-22, 2009. Snow amounts were mainly in the 2 to 5 inch range with the highest total of 5.4 inches measured near Mt. Carroll, Illinois in Carroll county.

(IL-Z001) JO DAVIESS, (IL-Z002) STEPHENSON, (IL-Z007) CARROLL, (IL-Z009) WHITESIDE, (IL-Z015) ROCK ISLAND, (IL-Z016) HENRY, (IL-Z017) BUREAU, (IL-Z018) PUTNAM	12/23/09 08:00 CST		0	Ice Storm
	12/23/09 18:00 CST		0	

An ice storm occurred on December 23, 2009 in portions of eastern Iowa and northwest Illinois. Ice accumulations of 1/4 to 1/2 inch were common which coated trees and power lines but temperatures in the lower 30s kept most roads wet. Scattered power outages and some broken tree branches were reported as winds gusted to 35 mph.

(IL-Z001) JO DAVIESS, (IL-Z002) STEPHENSON, (IL-Z007) CARROLL, (IL-Z009) WHITESIDE, (IL-Z015) ROCK ISLAND, (IL-Z016) HENRY, (IL-Z017) BUREAU, (IL-Z018) PUTNAM, (IL-Z024) MERCER, (IL-Z025) HENDERSON, (IL-Z026) WARREN, (IL-Z034) HANCOCK, (IL-Z035) MCDONOUGH	12/25/09 10:00 CST		0	Winter Weather
	12/27/09 18:00 CST		0	

A slow moving upper level low pressure system over the region produced a prolonged period of light to moderate snow during the weekend of December 25-27, 2009. Over the 3-day period widespread snow accumulations of 3 to 8 inches were noted, with the most measured at Good Hope, Illinois in McDonough county with 9 inches.

### IOWA, East Central and Southeast

(IA-Z040) BUCHANAN, (IA-Z041) DELAWARE, (IA-Z042) DUBUQUE, (IA-Z051) BENTON, (IA-Z052) LINN, (IA-Z053) JONES, (IA-Z054) JACKSON, (IA-Z063) IOWA, (IA-Z064) JOHNSON, (IA-Z065) CEDAR, (IA-Z066) CLINTON, (IA-Z067) MUSCATINE, (IA-Z068) SCOTT, (IA-Z076) KEOKUK, (IA-Z077) WASHINGTON, (IA-Z078) LOUISA, (IA-Z087) JEFFERSON, (IA-Z088) HENRY, (IA-Z089) DES MOINES, (IA-Z098) VAN BUREN, (IA-Z099) LEE	12/07/09 22:00 CST		0	Winter Storm
	12/09/09 21:00 CST		0	

A very intense storm system tracked from the Oklahoma Panhandle to western Illinois and then to Lake Huron. This had the lowest barometric pressure (975 mb or 28.79 inches) in the Midwest since the November 10, 1998 storm that also moved through the upper Midwest. This powerful winter storm produced very heavy snowfall, blizzard conditions and bitterly cold temperatures on December 8-9, 2009. Snow amounts of at least 10 to 15 inches were common north of a Fairfield, Iowa to Sterling, Illinois line. The largest amount was an incredible 17.7 inches at Orangeville, Illinois in Stephenson county. Other amounts included 15 inches at Brighton, Iowa (Washington county), Mt. Vernon, Iowa (Linn county) and at Freeport, Illinois (Stephenson county). Snowfall was much lighter in

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southeast Iowa, extreme northeast Missouri and west central Illinois. Here snow accumulations were 1 to 4 inches as rain and sleet mixed with the snow. A band of freezing rain from Burlington, Iowa to Sterling, Illinois coated trees and power lines with up to 3 tenths of an inch of ice. A few locations also reported thundersnows with snowfall rates of nearly 2 inches per hour. There were scattered power outages and some tree branches down. Numerous accidents and vehicles sliding into ditches were reported across the region. Many schools and businesses were also closed. In addition, winds gusting over 50 mph produced widespread blizzard conditions across much of eastern Iowa and extreme northeast Missouri, reducing visibilities to near zero on December 9.

(IA-Z040) BUCHANAN, (IA-Z041) DELAWARE, (IA-Z042) DUBUQUE, (IA-Z051) BENTON, (IA-Z052) LINN, (IA-Z053) JONES, (IA-Z054) JACKSON, (IA-Z063) IOWA, (IA-Z064) JOHNSON, (IA-Z065) CEDAR, (IA-Z066) CLINTON, (IA-Z067) MUSCATINE, (IA-Z068) SCOTT, (IA-Z076) KEOKUK, (IA-Z077) WASHINGTON, (IA-Z078) LOUISA, (IA-Z087) JEFFERSON, (IA-Z088) HENRY, (IA-Z089) DES MOINES, (IA-Z098) VAN BUREN, (IA-Z099) LEE	12/09/09 03:00 CST	0		Blizzard
	12/09/09 17:00 CST	0		

As the storm system intensified, blizzard conditions developed across much of eastern Iowa and extreme northeast Missouri on December 9, 2009. Frequent wind gusts over 40 mph were observed with gusts over 50 mph, which produced widespread whiteouts and visibilities near or below 1/4 mile. Burlington, Iowa had a peak gust of 52 mph while Independence, Iowa reported a gust of 50 mph. Many roads were closed and schools cancelled as drifts were as high as 5 feet in some areas. Blizzard conditions began early in the morning and continued through much of the afternoon. There were also scattered power outages and a few tree branches down due to the heavy snow and high winds.

(IA-Z040) BUCHANAN, (IA-Z041) DELAWARE, (IA-Z042) DUBUQUE, (IA-Z053) JONES, (IA-Z054) JACKSON, (IA-Z066) CLINTON	12/21/09 16:00 CST	0		Winter Weather
	12/22/09 05:00 CST	0		

An upper air disturbance, combined with a warm front lifting across the region, produced a band of light snow over northeast Iowa and northwest Illinois on December 21-22, 2009. Snow amounts were mainly in the 2 to 5 inch range with the highest total of 5.4 inches measured at Mt. Carroll, Illinois.

(IA-Z040) BUCHANAN, (IA-Z041) DELAWARE, (IA-Z042) DUBUQUE, (IA-Z051) BENTON, (IA-Z052) LINN, (IA-Z053) JONES, (IA-Z054) JACKSON, (IA-Z064) JOHNSON, (IA-Z065) CEDAR, (IA-Z066) CLINTON, (IA-Z068) SCOTT	12/23/09 03:25 CST	0		Ice Storm
	12/23/09 18:00 CST	0		

An ice storm occurred on December 23, 2009 in portions of eastern Iowa and northwest Illinois. Ice accumulations of 1/4 to 1/2 inch were common which coated trees and power lines but temperatures in the lower 30s kept most roads wet. Scattered power outages and some broken tree branches were reported as winds gusted to 35 mph.

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	12/27/09 13:00 CST	0		

A slow moving upper level low pressure system over the region produced a prolonged period of light to moderate snow during the weekend of December 25-27, 2009. Over the 3-day period widespread snow accumulations of 3 to 8 inches were noted, with the most measured at Good Hope, Illinois in McDonough county with 9 inches.

### MISSOURI, Northeast

(MO-Z009) SCOTLAND, (MO-Z010) CLARK	12/07/09 21:30 CST	0		Winter Storm
	12/09/09 17:15 CST	0		

A very intense storm system tracked from the Oklahoma Panhandle to western Illinois and then to Lake Huron. This had the lowest barometric pressure (975 mb or 28.79 inches) in the Midwest since the November 10, 1998 storm that also moved through the upper Midwest. This powerful winter storm produced very heavy snowfall, blizzard conditions and bitterly cold temperatures on December 8-9, 2009. Snow amounts of at least 10 to 15 inches were common north of a Fairfield, Iowa to Sterling, Illinois line. The largest amount was an incredible 17.7 inches at Orangeville, Illinois in Stephenson county. Other amounts included 15 inches at Brighton, Iowa (Washington county), Mt. Vernon, Iowa (Linn county) and at Freeport, Illinois (Stephenson county). Snowfall was much lighter in southeast Iowa, extreme northeast Missouri and west central Illinois. Here snow accumulations were 1 to 4 inches as rain and sleet mixed with the snow. A band of freezing rain from Burlington, Iowa to Sterling, Illinois coated trees and power lines with up to 3 tenths

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of an inch of ice. A few locations also reported thundersnows with snowfall rates of nearly 2 inches per hour. There were scattered power outages and some tree branches down. Numerous accidents and vehicles sliding into ditches were reported across the region. Many schools and businesses were also closed. In addition, winds gusting over 50 mph produced widespread blizzard conditions across much of eastern Iowa and extreme northeast Missouri, reducing visibilities to near zero on December 9.

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(MO-Z009) SCOTLAND, (MO-Z010) CLARK

12/09/09 05:00 CST	0	Blizzard
12/09/09 15:00 CST	0	

As the storm system intensified, blizzard conditions developed across much of eastern Iowa and extreme northeast Missouri on December 9, 2009. Frequent wind gusts over 40 mph were observed with gusts over 50 mph, which produced widespread whiteouts and visibilities near or below 1/4 mile. Burlington, Iowa had a peak gust of 52 mph while Independence, Iowa reported a gust of 50 mph. Many roads were closed and schools cancelled as drifts were as high as 5 feet in some areas. Blizzard conditions began early in the morning and continued through much of the afternoon. There were also scattered power outages and a few tree branches down due to the heavy snow and high winds.

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(MO-Z009) SCOTLAND, (MO-Z010) CLARK

12/25/09 09:00 CST	0	Winter Weather
12/27/09 13:00 CST	0	

A slow moving upper level low pressure system over the region produced a prolonged period of light to moderate snow during the weekend of December 25-27, 2009. Over the 3-day period widespread snow accumulations of 3 to 8 inches were noted, with the most measured at Good Hope, Illinois in McDonough county with 9 inches.