

## Storm Data and Unusual Weather Phenomena - January 2008

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

<b>(IL-Z001) JO DAVIESS, (IL-Z002) STEPHENSON, (IL-Z007) CARROLL, (IL-Z009) WHITESIDE, (IL-Z015) ROCK ISLAND, (IL-Z024) MERCER</b>				
	01/05/08 20:00 CST		0	Dense Fog
	01/08/08 23:30 CST		0	

A strong storm system tracking slowly out of the Rockies and into the Plains, set up a sustained southerly flow of warmer and increasingly moist air into the area. This flow out of the Gulf of Mexico across snow depths of 5 to 12 inches, led to several prolonged periods of dense fog January 5-8, 2008. Visibilities were frequently 1/4 mile or less, and occasionally near zero, which made for treacherous driving conditions.

#### (IL-Z015) ROCK ISLAND

	01/06/08 12:00 CST		0	Heat
	01/07/08 21:00 CST		0	

Strong low pressure in the Plains brought warm air into the region, melting much of the snow cover. Temperatures soared into the 60s near and south of I-80 on January 6-7, 2008. This resulted in record high temperatures at Moline, Illinois and Burlington, Iowa.

#### JO DAVIESS COUNTY --- 4.6 E EAST DUBUQUE [42.49, -90.54]

	01/07/08 06:35 CST		0	Hail (0.75 in)
	01/07/08 06:35 CST		0	Source: Post Office

The post office near Menominee reported penny size hail covering the ground.

A strong storm system tracked out of the Plains and into the Midwest on January 7, 2008. Record heat ahead of the system led to the development of severe thunderstorms during the early morning hours. These storms produced large hail in northeast Iowa and extreme northwest Illinois. Later in the day, a major tornado outbreak occurred from southeast Wisconsin to Arkansas.

#### (IL-Z001) JO DAVIESS

	01/17/08 04:45 CST		0	Winter Weather
	01/17/08 12:00 CST		0	

On January 16-17, 2008 low pressure tracked across the region producing an area of snow across northeast Iowa and extreme northwest Illinois. Snowfall amounts of 2 to 3 inches were common in extreme northwest Illinois, with higher amounts in northeast Iowa.

#### (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

	01/20/08 22:30 CST		0	Winter Weather
	01/22/08 12:00 CST		0	

Low pressure in Kansas brought warmer south winds over a dome of arctic air presiding across the region. As the low tracked along the Iowa/Missouri border and to near Chicago, an optimum over-running situation developed. The storm system was a slow mover, allowing for several episodes of fluffy snow, January 20-22, 2008. Over this 2-day period, snowfall amounts ranged from 3 to 9 inches along and north of Interstate 80.

#### (IL-Z001) JO DAVIESS, (IL-Z002) STEPHENSON, (IL-Z007) CARROLL, (IL-Z009) WHITESIDE, (IL-Z015) ROCK ISLAND

	01/24/08 04:00 CST		0	Extreme Cold/Wind Chill
	01/24/08 10:00 CST		0	

Arctic air invaded portions of eastern Iowa and northwest Illinois on January 24, 2008. Temperatures dipped mainly into the 15 below to 25 below zero range, with wind chill readings falling to 30 to 35 below zero. Some schools delayed the start of classes due to the frigid weather until later in the morning. Record minimum temperatures were set at Cedar Rapids and Burlington Iowa.

#### (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

	01/29/08 12:00 CST		0	Winter Weather
	01/29/08 20:00 CST		0	

A strong cold front moving through the region on January 29, 2008 caused a variety of wintery weather. Behind the front, temperatures fell more than 40 degrees in less than 10 hours. In addition, up to an inch of snow fell and combined with wind gusts to 50 to 55 mph, created near blizzard conditions over most of the region. Many schools cancelled classes early before the brunt of the weather arrived.

## Storm Data and Unusual Weather Phenomena - January 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>(IL-Z001) JO DAVIESS, (IL-Z002) STEPHENSON, (IL-Z007) CARROLL</b>				
	01/29/08 22:00 CST		0	Extreme Cold/Wind Chill
	01/30/08 09:00 CST		0	

On January 29-30, 2008 northwest winds of 15 to 25 mph, combined with temperatures of 5 to 10 below zero, created wind chill readings as low as 30 to 40 below zero. These conditions were noted during the late evening and into the morning hours north of Highway 30 in Iowa and Illinois. Many schools delayed the start of classes until late morning to avoid the extreme cold.

<b>(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</b>				
	01/31/08 12:00 CST		0	Winter Weather
	01/31/08 23:59 CST		0	

Low pressure tracked from the southern Plains to the Ohio Valley January 31-February 1, 2008. Warmer air returning northward across a cold dome produced snow over portions of eastern Iowa, northeast Missouri and much of western and northwest Illinois. Snow amounts in this area were mainly in the 2 to 5 inch range. However, 6 to 7 inches were common in Bureau county especially around the Princeton area.

### IOWA, East Central and Southeast

<b>(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-Z098) VAN BUREN</b>				
	01/05/08 18:50 CST		0	Dense Fog
	01/08/08 23:30 CST		0	

A strong storm system tracking slowly out of the Rockies and into the Plains, set up a sustained southerly flow of warmer and increasingly moist air into the area. This flow out of the Gulf of Mexico across snow depths of 5 to 12 inches, led to several prolonged periods of dense fog January 5-8, 2008. Visibilities were frequently at 1/4 mile or less and occasionally near zero, which made for treacherous driving conditions. Several accidents were reported on Monday January 7 in eastern Iowa due to the fog, resulting in one fatality and 3 injuries. The indirect fatality occurred in Dubuque County near Epworth when a motorist was involved in a multi-vehicle wreck.

<b>(IA-Z089) DES MOINES</b>				
	01/06/08 12:00 CST		0	Heat
	01/07/08 21:00 CST		0	

Strong low pressure in the Plains brought warm air into the region, melting much of the snow cover. Temperatures soared into the 60s near and south of I-80 on January 6-7, 2008. This resulted in record high temperatures at Moline, Illinois and Burlington, Iowa.

<b>JONES COUNTY --- 0.9 NE MONTICELLO [42.24, -91.19]</b>				
	01/07/08 05:59 CST		0	Hail (0.88 in)
	01/07/08 06:03 CST		0	Source: Law Enforcement

Law enforcement reported dime to nickel size hail near Monticello, which lasted for 4 minutes.

<b>DUBUQUE COUNTY --- 0.5 E CASCADE [42.30, -91.01]</b>				
	01/07/08 06:10 CST		0	Hail (0.75 in)
	01/07/08 06:10 CST		0	Source: Law Enforcement

Law enforcement reported penny size hail covering the ground in Cascade.

A strong storm system tracked out of the Plains and into the Midwest on January 7, 2008. Record heat ahead of the system led to the development of severe thunderstorms during the early morning hours. These storms produced large hail in northeast Iowa and extreme northwest Illinois. Later in the day, a major tornado outbreak occurred from southeast Wisconsin to Arkansas.

<b>(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-Z076) KEOKUK, (IA-Z077) WASHINGTON</b>				
	01/16/08 14:45 CST		0	Winter Weather
	01/17/08 12:30 CST		0	

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>On January 16-17, 2008 low pressure tracked across the region producing an area of snow across northeast Iowa and extreme northwest Illinois. Snowfall amounts of 2 to 5 inches were common, with the heaviest northwest of a line from Williamsburg to Dubuque.</p>				
<hr/> <p>(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</p>				
	01/20/08 22:00 CST		0	Winter Weather
	01/22/08 05:35 CST		0	
<p>Low pressure in Kansas brought warmer south winds over a dome of arctic air presiding across the region. As the low tracked along the Iowa/Missouri border and to near Chicago, an optimum over-running situation developed. The storm system was a slow mover, allowing for several episodes of fluffy snow, January 20-22, 2008. Over this 2-day period, snowfall amounts ranged from 3 to 9 inches along and north of Interstate 80. An indirect fatality occurred on January 21 in Benton county on snow-covered I-380 in a multi-vehicle accident.</p>				
<hr/> <p>(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</p>				
	01/24/08 03:00 CST		0	Extreme Cold/Wind Chill
	01/24/08 10:00 CST		0	
<p>Arctic air invaded portions of eastern Iowa and northwest Illinois on January 24, 2008. Temperatures dipped mainly into the 15 below to 25 below zero range, with wind chill readings falling to 30 to 35 below zero. Some schools delayed the start of classes due to the frigid weather until later in the morning. Record minimum temperatures were set at Cedar Rapids and Burlington Iowa.</p>				
<hr/> <p>(IA-Z040) BUCHANAN, (IA-Z041) DELAWARE, (IA-Z042) DUBUQUE, (IA-Z051) BENTON, (IA-Z052) LINN, (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</p>				
	01/29/08 10:00 CST		0	Winter Weather
	01/29/08 22:00 CST		0	
<hr/> <p>(IA-Z053) JONES</p>				
	01/29/08 11:00 CST		0	Blizzard
	01/29/08 22:00 CST		0	
<p>A strong cold front moving through the region on January 29, 2008 caused a variety of wintery weather. Behind the front, temperatures fell more than 40 degrees in less than 10 hours. In addition, up to an inch of snow fell and combined with wind gusts to 50 to 55 mph, created near blizzard conditions over most of the region. Many schools cancelled classes early before the brunt of the weather arrived.</p>				
<hr/> <p>(IA-Z040) BUCHANAN, (IA-Z041) DELAWARE, (IA-Z042) DUBUQUE, (IA-Z051) BENTON, (IA-Z052) LINN, (IA-Z053) JONES, (IA-Z054) JACKSON</p>				
	01/29/08 22:00 CST		0	Extreme Cold/Wind Chill
	01/30/08 09:00 CST		0	
<p>On January 29-30, 2008 northwest winds of 15 to 25 mph, combined with temperatures of 5 to 10 below zero, created wind chill readings as low as 30 to 40 below zero. These conditions were noted during the late evening and into the morning hours north of Highway 30 in Iowa and Illinois. Many schools delayed the start of classes until late morning to avoid the extreme cold.</p>				
<hr/> <p>(IA-Z066) CLINTON, (IA-Z067) MUSCATINE, (IA-Z068) SCOTT, (IA-Z078) LOUISA, (IA-Z089) DES MOINES, (IA-Z099) LEE</p>				
	01/31/08 13:15 CST		0	Winter Weather
	01/31/08 23:55 CST		0	
<p>Low pressure tracked from the southern Plains to the Ohio Valley January 31-February 1, 2008. Warmer air returning northward across a cold dome produced snow over portions of eastern Iowa, northeast Missouri and much of western and northwest Illinois. Snow amounts in this area were mainly in the 2 to 5 inch range.</p>				
<hr/> <p><b>MISSOURI, Northeast</b></p>				
<hr/> <p>(MO-Z009) SCOTLAND, (MO-Z010) CLARK</p>				
	01/29/08 13:00 CST		0	Winter Weather
	01/29/08 17:00 CST		0	

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A strong cold front moving through the region on January 29, 2008 caused a variety of wintery weather. Behind the front, temperatures fell more than 40 degrees in less than 10 hours. In addition, up to an inch of snow fell and combined with wind gusts to 50 to 55 mph, created near blizzard conditions over most of the region. Many schools cancelled classes early before the brunt of the weather arrived.

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(MO-Z010) CLARK

01/31/08 13:15 CST	0	Winter Weather
01/31/08 23:59 CST	0	

Low pressure tracked from the southern Plains to the Ohio Valley January 31-February 1, 2008. Warmer air returning northward across a cold dome produced snow over portions of eastern Iowa, northeast Missouri and much of western and northwest Illinois. Snow amounts in this area were mainly in the 2 to 5 inch range.

## Storm Data and Unusual Weather Phenomena - February 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ILLINOIS, Northwest</b>				
<b>(IL-Z007) CARROLL, (IL-Z009) WHITESIDE, (IL-Z015) ROCK ISLAND, (IL-Z016) HENRY, (IL-Z018) PUTNAM, (IL-Z024) MERCER, (IL-Z025) HENDERSON, (IL-Z026) WARREN, (IL-Z034) HANCOCK, (IL-Z035) MCDONOUGH</b>				
	02/01/08 00:00 CST		0	Winter Weather
	02/01/08 08:30 CST		0	
<b>(IL-Z017) BUREAU</b>				
	02/01/08 00:00 CST		0	Winter Storm
	02/01/08 08:00 CST		0	

Low pressure tracked from the southern Plains to the Ohio Valley January 31-February 1, 2008. Warmer air returning northward across a cold dome produced snow over portions of eastern Iowa, northeast Missouri and much of western and northwest Illinois. Snow amounts in this area were mainly in the 2 to 5 inch range. However, 6 to 7 inches were common in Bureau county especially around the Princeton area.

<b>MISSOURI, Northeast</b>				
<b>(MO-Z010) CLARK</b>				
	02/01/08 00:00 CST		0	Winter Weather
	02/01/08 00:30 CST		0	

Low pressure tracked from the southern Plains to the Ohio Valley January 31-February 1, 2008. Warmer air returning northward across a cold dome produced snow over portions of eastern Iowa, northeast Missouri and much of western and northwest Illinois. Snow amounts in this area were mainly in the 2 to 5 inch range.