

Storm Data and Unusual Weather Phenomena - February 2011

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

02/01/11 08:00 CST		0	Blizzard
02/02/11 09:00 CST		0	

A tremendous blizzard, one of the worst in memory, impacted much of the region on February 1-2, 2011, as deep low pressure tracked from Texas to southern Indiana. Snowfall totals ranged from 10 to 20 inches with drifts as high as 7 feet. Blizzard conditions were widespread with visibilities near zero in heavy snow and winds gusting to over 50 to 60 mph. Temperatures were in the teens which added to the misery and the fluffy snow was easily blown around. Actual snow accumulations were difficult to measure due to the very high winds. Most roads, including interstates, were closed with numerous vehicles stuck in drifts or sliding into ditches, but no major accidents were reported. Many people became stranded but were eventually rescued. Many schools and events were cancelled or closed for a couple of days, as it took crews a while to open up rural roads and even side streets. Much of eastern Iowa and northwest Illinois received 10 to 15 inches of snow, with western Illinois and extreme northeast Missouri reporting 15 to 20 inches. The highest total was a whopping 20 inches at Monmouth, Illinois in Warren county. At the height of the blizzard during the late afternoon and evening hours on February 1, snowfall rates were as high as 1 to 3 inches per hour. These rates were enhanced by thunder-snows that developed in the evening across eastern Iowa and northwest Illinois. The strongest winds also occurred during the evening with gusts of 66 mph reported at Clinton, Iowa; 56 mph at Mount Pleasant and Davenport, Iowa; and 52 mph at Lowden, Iowa. A 24-hour record snowfall of 16.7 inches was set at Moline, Illinois which broke the old record of 16.4 inches set on January 3, 1971. A record storm total snowfall of 18.4 inches was tied at Moline, which was first set on January 11-13, 1979. A 58 year old male died of hypothermia during the blizzard on a rural road near Mount Pleasant, Iowa in Henry county. During the late evening on Tuesday February 1 the victim left his residence in his SUV to go 4-wheeling but became stuck in the ditch in snow and mud. While trying to dig out the vehicle by hand he collapsed next to the vehicle and fell into the ditch, and died of hypothermia. His body was found about 200 yards from his residence by a road grader operator plowing snow on the morning of February 2.

(IL-Z001) JO DAVIESS, (IL-Z002) STEPHENSON, (IL-Z007) CARROLL

02/20/11 05:00 CST		0	Winter Weather
02/20/11 11:00 CST		0	

Strong low pressure in western Iowa and associated warm front lifted northward across the region during the early morning hours on February 20, 2011. Warm air advection ahead of the system produced a band of thunderstorms across northeast Iowa and northwest Illinois. Because surface temperatures were at or just below the freezing mark these storms caused freezing rain. This was especially true along the Highway 20 corridor where ice accumulations just under 1/4 inch were measured at Dubuque, Iowa. A trained spotter reported a few small branches 1/4 to 1/2 inch in diameter broken due to the weight of the ice. However, due to temperatures near freezing most roadways were wet.

(IL-Z034) HANCOCK, (IL-Z035) MCDONOUGH

02/24/11 20:00 CST		0	Winter Weather
02/25/11 03:30 CST		0	

Low pressure tracked from eastern Oklahoma to northern Arkansas and then into the Ohio Valley on February 24-25, 2011. This storm system spread snow, briefly heavy, across portions of southeast Iowa, western Illinois and extreme northeast Missouri. Snow accumulations of 3 to 5 inches were common in those areas. The highest amount reported was 5.0 inches near Cantril, Iowa in Van Buren county.

(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

02/27/11 18:00 CST		0	Winter Weather
02/28/11 03:00 CST		0	

MCDONOUGH COUNTY --- 1.7 WSW TENNESSEE [40.41, -90.86]

02/27/11 19:45 CST		0	Hail (0.88 in)
02/27/11 19:45 CST		0	Source: Trained Spotter

A trained spotter about 2 miles southwest of Tennessee measured dime to nickel size hail.

Low pressure tracked from the southern Plains to central Missouri and then to northern Indiana on February 27-28, 2011. Warmer moist air flowing ahead of the system developed rain across the region during the evening of February 27. However, colder air sweeping in from the west turned the rain over to a wintry mix of freezing rain, sleet and snow later in the evening and overnight. Temperatures fell from the 30s into the mid to upper 20s. Even a few thunderstorms developed in the transition during the evening. One thunderstorm near Tennessee, Illinois in McDonough county produced dime to nickel size hail. The bulk of the mixed precipitation fell across

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southeast Iowa, northwest and western Illinois and extreme northeast Missouri. Ice accumulations were less than 1/4 inch and were mainly on elevated surfaces such as trees.

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				
	02/01/11 07:50 CST	1	0	Blizzard
	02/02/11 11:00 CST		0	

Direct Fatalities: M58OU

A tremendous blizzard, one of the worst in memory, impacted much of the region on February 1-2, 2011, as deep low pressure tracked from Texas to southern Indiana. Snowfall totals ranged from 10 to 20 inches with drifts as high as 7 feet. Blizzard conditions were widespread with visibilities near zero in heavy snow and winds gusting to over 50 to 60 mph. Temperatures were in the teens which added to the misery and the fluffy snow was easily blown around. Actual snow accumulations were difficult to measure due to the very high winds. Most roads, including interstates, were closed with numerous vehicles stuck in drifts or sliding into ditches, but no major accidents were reported. Many people became stranded but were eventually rescued. Many schools and events were cancelled or closed for a couple of days, as it took crews a while to open up rural roads and even side streets. Even the University of Iowa at Iowa City was closed for a day. Much of eastern Iowa and northwest Illinois received 10 to 15 inches of snow, with western Illinois and extreme northeast Missouri reporting 15 to 20 inches. The highest total was a whopping 20 inches at Monmouth, Illinois in Warren county. At the height of the blizzard during the late afternoon and evening hours on February 1, snowfall rates were as high as 1 to 3 inches per hour. These rates were enhanced by thunder-snows that developed in the evening across eastern Iowa and northwest Illinois. The strongest winds also occurred during the evening with gusts of 66 mph reported at Clinton, Iowa; 56 mph at Mount Pleasant and Davenport, Iowa; and 52 mph at Lowden, Iowa. A 24-hour record snowfall of 16.7 inches was set at Moline, Illinois which broke the old record of 16.4 inches set on January 3, 1971. A record storm total snowfall of 18.4 inches was tied at Moline, which was first set on January 11-13, 1979. A 58 year old male died of hypothermia during the blizzard on a rural road near Mount Pleasant, Iowa in Henry county. During the late evening on Tuesday February 1 the victim left his residence in his SUV to go 4-wheeling but became stuck in the ditch in snow and mud. While trying to dig out the vehicle by hand he collapsed next to the vehicle and fell into the ditch, and died of hypothermia. His body was found about 200 yards from his residence by a road grader operator plowing snow on the morning of February 2.

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Blizzard at the National Weather Service office in Davenport, IA on Feb. 1, 2011. Photo by NWS Quad Cities staff.

(IA-Z040) BUCHANAN, (IA-Z041) DELAWARE, (IA-Z042) DUBUQUE, (IA-Z054) JACKSON

02/20/11 03:30 CST	0	Winter Weather
02/20/11 10:15 CST	0	

Strong low pressure in western Iowa and associated warm front lifted northward across the region during the early morning hours on February 20, 2011. Warm air advection ahead of the system produced a band of thunderstorms across northeast Iowa and northwest Illinois. Because surface temperatures were at or just below the freezing mark these storms caused freezing rain. This was especially true along the Highway 20 corridor where ice accumulations just under 1/4 inch were measured at Dubuque, Iowa. A trained spotter reported a few small branches 1/4 to 1/2 inch in diameter broken due to the weight of the ice. However, due to temperatures near freezing most roadways were wet.

(IA-Z076) KEOKUK, (IA-Z077) WASHINGTON, (IA-Z087) JEFFERSON, (IA-Z088) HENRY, (IA-Z089) DES MOINES, (IA-Z098) VAN BUREN, (IA-Z099) LEE

02/24/11 19:00 CST	0	Winter Weather
02/25/11 02:50 CST	0	

Low pressure tracked from eastern Oklahoma to northern Arkansas and then into the Ohio Valley on February 24-25, 2011. This storm system spread snow, briefly heavy, across portions of southeast Iowa, western Illinois and extreme northeast Missouri. Snow accumulations of 3 to 5 inches were common in those areas. The highest amount reported was 5.0 inches near Cantril, Iowa in Van Buren county.

(IA-Z064) JOHNSON, (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

Storm Data and Unusual Weather Phenomena - February 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	02/27/11 17:00 CST		0	Winter Weather
	02/28/11 00:15 CST		0	

Low pressure tracked from the southern Plains to central Missouri and then to northern Indiana on February 27-28, 2011. Warmer moist air flowing ahead of the system developed rain across the region during the evening of February 27. However, colder air sweeping in from the west turned the rain over to a wintry mix of freezing rain, sleet and snow later in the evening and overnight. Temperatures fell from the 30s into the mid to upper 20s. Even a few thunderstorms developed in the transition during the evening. One thunderstorm near Tennessee, Illinois in McDonough county produced dime to nickel size hail. The bulk of the mixed precipitation fell across southeast Iowa, northwest and western Illinois and extreme northeast Missouri. Ice accumulations were less than 1/4 inch and were mainly on elevated surfaces such as trees.

MISSOURI, Northeast

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

02/01/11 07:30 CST	0	Blizzard
02/02/11 06:45 CST	0	

A tremendous blizzard, one of the worst in memory, impacted much of the region on February 1-2, 2011, as deep low pressure tracked from Texas to southern Indiana. Snowfall totals ranged from 10 to 20 inches with drifts as high as 7 feet. Blizzard conditions were widespread with visibilities near zero in heavy snow and winds gusting to over 50 to 60 mph. Temperatures were in the teens which added to the misery and the fluffy snow was easily blown around. Actual snow accumulations were difficult to measure due to the very high winds. Most roads, including interstates, were closed with numerous vehicles stuck in drifts or sliding into ditches, but no major accidents were reported. Many people became stranded but were eventually rescued. Many schools and events were cancelled or closed for a couple of days, as it took crews a while to open up rural roads and even side streets. Much of eastern Iowa and northwest Illinois received 10 to 15 inches of snow, with western Illinois and extreme northeast Missouri reporting 15 to 20 inches. The highest total was a whopping 20 inches at Monmouth, Illinois in Warren county. At the height of the blizzard during the late afternoon and evening hours on February 1, snowfall rates were as high as 1 to 3 inches per hour. These rates were enhanced by thunder-snows that developed in the evening across eastern Iowa and northwest Illinois. The strongest winds also occurred during the evening with gusts of 66 mph reported at Clinton, Iowa; 56 mph at Mount Pleasant and Davenport, Iowa; and 52 mph at Lowden, Iowa. A 24-hour record snowfall of 16.7 inches was set at Moline, Illinois which broke the old record of 16.4 inches set on January 3, 1971. A record storm total snowfall of 18.4 inches was tied at Moline, which was first set on January 11-13, 1979. A 58 year old male died of hypothermia during the blizzard on a rural road near Mount Pleasant, Iowa in Henry county. During the late evening on Tuesday February 1 the victim left his residence in his SUV to go 4-wheeling but became stuck in the ditch in snow and mud. While trying to dig out the vehicle by hand he collapsed next to the vehicle and fell into the ditch, and died of hypothermia. His body was found about 200 yards from his residence by a road grader operator plowing snow on the morning of February 2.

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

02/24/11 17:00 CST	0	Winter Weather
02/25/11 01:15 CST	0	

Low pressure tracked from eastern Oklahoma to northern Arkansas and then into the Ohio Valley on February 24-25, 2011. This storm system spread snow, briefly heavy, across portions of southeast Iowa, western Illinois and extreme northeast Missouri. Snow accumulations of 3 to 5 inches were common in those areas. The highest amount reported was 5.0 inches near Cantril, Iowa in Van Buren county.

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

02/27/11 16:00 CST	0	Winter Weather
02/28/11 22:00 CST	0	

Low pressure tracked from the southern Plains to central Missouri and then to northern Indiana on February 27-28, 2011. Warmer moist air flowing ahead of the system developed rain across the region during the evening of February 27. However, colder air sweeping in from the west turned the rain over to a wintry mix of freezing rain, sleet and snow later in the evening and overnight. Temperatures fell from the 30s into the mid to upper 20s. Even a few thunderstorms developed in the transition during the evening. One thunderstorm near Tennessee, Illinois in McDonough county produced dime to nickel size hail. The bulk of the mixed precipitation fell across southeast Iowa, northwest and western Illinois and extreme northeast Missouri. Ice accumulations were less than 1/4 inch and were mainly on elevated surfaces such as trees.