

Storm Data and Unusual Weather Phenomena - April 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, Northwest				
ROCK ISLAND COUNTY --- 0.9 NW ANDALUSIA [41.44, -90.73]				
	04/03/11 19:37 CST	0		Hail (0.88 in)
	04/03/11 19:37 CST	0		Source: Trained Spotter
ROCK ISLAND COUNTY --- 0.9 NW ANDALUSIA [41.44, -90.73]				
	04/03/11 19:44 CST	0		Hail (1.00 in)
	04/03/11 19:44 CST	0		Source: Trained Spotter
Quarter sized hail fell in Andalusia, IL at 844 pm CDT April 3.				
ROCK ISLAND COUNTY --- 0.5 E EDGINGTON [41.38, -90.76]				
	04/03/11 19:48 CST	0		Hail (1.00 in)
	04/03/11 19:48 CST	0		Source: Trained Spotter
Quarter sized hail fell 4 miles south southwest of Andalusia, IL at 848 pm CDT April 3.				
ROCK ISLAND COUNTY --- 0.9 NW BLACKHAWK STATE PARK [41.48, -90.58]				
	04/03/11 19:50 CST	0		Hail (1.00 in)
	04/03/11 19:50 CST	0		Source: Trained Spotter
Quarter sized hail fell in Rock Island, IL at 850 pm CDT April 3.				
ROCK ISLAND COUNTY --- 0.7 N SILVIS HGTS [41.51, -90.43]				
	04/03/11 19:57 CST	0		Hail (1.00 in)
	04/03/11 19:57 CST	0		Source: Trained Spotter
Quarter sized hail fell in East Moline, IL at 857 pm CDT April 3.				
ROCK ISLAND COUNTY --- 0.7 N SILVIS HGTS [41.51, -90.43]				
	04/03/11 20:00 CST	0		Hail (1.00 in)
	04/03/11 20:00 CST	0		Source: Trained Spotter
Quarter sized hail fell in East Moline, IL at 900 pm CDT April 3.				
ROCK ISLAND COUNTY --- 0.7 S SILVIS HGTS [41.49, -90.43]				
	04/03/11 20:01 CST	0		Hail (1.00 in)
	04/03/11 20:01 CST	0		Source: Trained Spotter
Quarter sized hail fell 2 miles south of East Moline, IL at 901 pm CDT April 3.				
HENRY COUNTY --- 2.1 SSW SHADY BEACH [41.50, -90.21]				
	04/03/11 20:03 CST	0		Hail (1.00 in)
	04/03/11 20:10 CST	0		Source: Trained Spotter
Quarter sized hail fell 3 miles east southeast of Osborn, IL from about 903 pm to 910 pm CDT April 3.				
HENRY COUNTY --- 2.1 SW GREEN ROCK [41.45, -90.40]				
	04/03/11 20:03 CST	0		Hail (1.00 in)
	04/03/11 20:03 CST	0		Source: Trained Spotter
Quarter sized hail fell 5 miles south southeast of East Moline, IL at 903 pm CDT April 3.				
HENRY COUNTY --- 0.7 N COLONA [41.49, -90.35]				
	04/03/11 20:05 CST	0		Hail (1.00 in)
	04/03/11 20:05 CST	0		Source: Trained Spotter
Quarter sized hail fell in Colona, IL at 905 pm CDT April 3.				

Storm Data and Unusual Weather Phenomena - April 2011

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HENRY COUNTY --- 0.7 N COLONA [41.49, -90.35]				
	04/03/11 20:05 CST		0	Thunderstorm Wind (EG 52 kt)
	04/03/11 20:05 CST		0	Source: Trained Spotter
Wind gusts estimated to be 60 mph were observed in Colona, IL at 905 pm CDT April 3.				
HENRY COUNTY --- 0.7 N SUNNY HILL [41.41, -90.43]				
	04/03/11 20:05 CST		0	Hail (0.75 in)
	04/03/11 20:05 CST		0	Source: Trained Spotter
HENRY COUNTY --- GREEN RIVER [41.47, -90.32]				
	04/03/11 20:06 CST		0	Hail (1.00 in)
	04/03/11 20:06 CST		0	Source: Trained Spotter
Quarter sized hail fell 2 miles east southeast of Colona, IL at 906 pm CDT April 3.				
HENRY COUNTY --- 0.5 W GREEN RIVER [41.47, -90.33]				
	04/03/11 20:10 CST		0	Hail (1.00 in)
	04/03/11 20:10 CST		0	Source: Trained Spotter
Quarter sized hail fell 2 miles southeast of Colona, IL at 910 pm CDT April 3.				
ROCK ISLAND COUNTY --- 1.0 E (MLI) QUAD CITY ARPT [41.45, -90.50]				
	04/03/11 20:11 CST		0	Hail (1.50 in)
	04/03/11 20:11 CST		0	Source: Official NWS Observations
Ping pong ball sized hail fell at the Quad City Airport in Moline, IL at 911 pm CDT April 3.				
HENRY COUNTY --- 1.7 ENE ANNAWAN [41.41, -89.89]				
	04/03/11 20:37 CST		0	Hail (0.75 in)
	04/03/11 20:37 CST		0	Source: Trained Spotter
BUREAU COUNTY --- 1.5 NNE WYANET [41.39, -89.57]				
	04/03/11 21:00 CST		0	Hail (0.88 in)
	04/03/11 21:00 CST		0	Source: Trained Spotter
BUREAU COUNTY --- 0.7 N PRINCETON [41.38, -89.47]				
	04/03/11 21:05 CST		0	Hail (1.50 in)
	04/03/11 21:05 CST		0	Source: Trained Spotter
Ping pong ball sized hail fell in Princeton, IL at 1005 pm CDT April 3.				
BUREAU COUNTY --- 0.7 N PRINCETON [41.38, -89.47]				
	04/03/11 21:12 CST		0	Hail (0.75 in)
	04/03/11 21:12 CST		0	Source: Trained Spotter
BUREAU COUNTY --- 1.1 NNW DALZELL [41.36, -89.18]				
	04/03/11 21:28 CST		0	Hail (1.75 in)
	04/03/11 21:28 CST		0	Source: Law Enforcement
Golf ball sized hail fell about 1 mile northwest of Dalzell, IL on Interstate 80 near mile marker 72 at 1028 pm CDT April 3.				
JO DAVIESS COUNTY --- 0.5 W STOCKTON [42.35, -90.01]				
	04/03/11 23:01 CST		0	Hail (0.75 in)
	04/03/11 23:01 CST		0	Source: Public
MCDONOUGH COUNTY --- 4.0 S COLMAR [40.29, -90.91]				
	04/03/11 23:30 CST		5K	Thunderstorm Wind (EG 43 kt)
	04/03/11 23:30 CST		0	Source: Newspaper

Storm Data and Unusual Weather Phenomena - April 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A wind gust estimated to be 50 mph tore an awning from its mountings on Ma & Pa's Restaurant just east of Plymouth, IL during the early morning hours of April 4. Time estimated.

A warm front lifted northward across the region during the morning of April 3, allowing for strong southerly winds behind the front to bring warmer air into the region. Showers and thunderstorms spread into the area during the afternoon and evening, as a cold front tracked across the area. Some storms were severe, producing large hail and damaging winds. High temperatures were well above normal, ranging from the upper 60s in northeast Iowa and northern Illinois to the upper 70s in southeast Iowa, western Illinois and northeast Missouri.

ROCK ISLAND COUNTY --- 0.9 NW BLACKHAWK STATE PARK [41.48, -90.58]

04/09/11 02:54 CST	0	Hail (0.75 in)
04/09/11 02:54 CST	0	Source: Trained Spotter

Non-severe hail fell in Rock Island, IL during the early morning hours of April 9.

ROCK ISLAND COUNTY --- 0.7 E (MLI) QUAD CITY ARPT [41.45, -90.51]

04/10/11 19:50 CST	0	Hail (1.00 in)
04/10/11 19:50 CST	0	Source: Official NWS Observations

Quarter sized hail fell near the Quad City Airport at 850 pm April 10.

JO DAVIESS COUNTY --- 0.5 W STOCKTON [42.35, -90.01]

04/10/11 19:54 CST	0	Hail (0.75 in)
04/10/11 19:54 CST	0	Source: Broadcast Media

CARROLL COUNTY --- 2.2 E SHANNON [42.16, -89.69]

04/10/11 20:30 CST	10K	Thunderstorm Wind (EG 56 kt)
04/10/11 20:30 CST	0	Source: Law Enforcement

Wind gusts estimated to be 65 mph blew down a tree across Ogle Road and Route 72 just east of Shannon, IL around 930 pm CDT April 10. Some power lines were also downed.

A cold front moved through the area during the evening of April 10 sparking a line of thunderstorms. A few of the storms surpassed severe thresholds, producing one inch diameter hail and damaging winds.

JO DAVIESS COUNTY --- 4.1 WNW EAST DUBUQUE [42.51, -90.70], 6.4 NNE MENOMINEE [42.51, -90.50], 4.3 SSW DERINDA CENTER [42.19, -90.20], 4.1 WSW WHITTON [42.19, -90.40]

04/13/11 07:00 CST	0.25M	Flood (due to Heavy Rain / Snow Melt)
04/22/11 17:00 CST	0	Source: River/Stream Gage

Water from snow-melt in the upper Midwest moved south through the Mississippi River basin causing major flooding along the Mississippi River.

The snowfall was well above normal for the 2010-11 winter in much of Minnesota and Wisconsin. Minneapolis, MN recorded 86.6 inches of snow, which is 30 inches above normal. Snowfall in eastern Iowa, northwest Illinois, and northeast Missouri totaled 35 to 65 inches, which was 10 to 20 inches above normal.

The snow-melt flood crest reached Dubuque on April 19 and was finally south of the Burlington area by April 25. The crest levels ranked 4th through 8th depending on the location, when compared to historical crests.

Dubuque lock and dam 11 surpassed its 20.5 foot major flood stage level around 625 am CDT 4/17.

It crested around 21.24 feet around 800 pm CDT 4/19.

It fell below the major flood stage level around 400 pm CDT 4/21.

Dubuque surpassed its 21.5 foot major flood stage level around 830 am CDT 4/13.

It crested around 22.82 feet around 815 pm CDT 4/19.

It fell below the major flood stage level around 546 pm CDT 4/22.

Bellevue surpassed its 20.0 foot major flood stage level around 640 am CDT 4/18.

It crested around 20.58 feet around 1000 am CDT 4/20.

It fell below the major flood stage level around 910 am CDT 4/22.

Fulton surpassed its 20.0 foot major flood stage level around 540 pm CDT 4/18.

It crested around 21.06 feet around 600 am CDT 4/21.

Storm Data and Unusual Weather Phenomena - April 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
It fell below the major flood stage level around 300 pm CDT 4/24.				
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(IL-Z016) HENRY				
	04/15/11 08:00 CST		1K	Strong Wind (MAX 43 kt)
	04/15/11 11:00 CST		0	
Strong gradient winds gusting to around 50 mph blew down some trees and large limbs in Kewanee, IL during the morning of April 15.				
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HENRY COUNTY --- 0.5 E GALVA [41.17, -90.04]				
	04/15/11 17:00 CST		0	Hail (0.75 in)
	04/15/11 17:00 CST		0	Source: Trained Spotter
Pea to dime sized hail fell in Galva, IL around 6 pm CDT April 15.				
Non-severe hail fell in Galva, IL during the evening of April 15.				
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ROCK ISLAND COUNTY --- 10.4 W ILLINOIS CITY [41.40, -91.10], 5.4 NW HAMPTON [41.60, -90.50], 8.4 N CORDOVA [41.80, -90.30], 12.4 NE CORDOVA [41.80, -90.14], 1.6 E CARBON CLIFF [41.50, -90.35], 11.8 WSW ILLINOIS CITY [41.32, -91.10]				
	04/16/11 14:00 CST		0.25M	Flood (due to Heavy Rain / Snow Melt)
	04/30/11 11:00 CST		0	Source: River/Stream Gage
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MERCER COUNTY --- 8.3 WNW ELIZA [41.34, -91.12], 3.2 NNW ELIZA [41.34, -91.00], 3.0 SSW OGLE [41.06, -90.90], 9.8 SW NEW BOSTON [41.06, -91.12]				
	04/18/11 01:00 CST		0.25M	Flood (due to Heavy Rain / Snow Melt)
	04/30/11 23:59 CST		0	Source: River/Stream Gage
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CARROLL COUNTY --- 12.3 WNW MARCUS [42.20, -90.40], 3.8 NNW MARCUS [42.20, -90.20], 1.7 NW WACKER [42.07, -90.07], 3.2 SSE THOMSON [41.93, -90.07], 5.8 WSW THOMSON [41.93, -90.20]				
	04/18/11 06:00 CST		0.25M	Flood (due to Heavy Rain / Snow Melt)
	04/24/11 12:00 CST		0	Source: River/Stream Gage
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WHITESIDE COUNTY --- 6.6 WSW ALBANY [41.73, -90.33], 4.4 NNW FULTON [41.93, -90.20], 5.0 NW USTICK [41.93, -90.07], 3.6 SSE ALBANY [41.73, -90.20]				
	04/18/11 06:00 CST		0.25M	Flood (due to Heavy Rain / Snow Melt)
	04/25/11 21:00 CST		0	Source: River/Stream Gage
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HENDERSON COUNTY --- 7.6 WSW LOMAX [40.63, -91.20], 3.2 NNW BIG RIVER ST FOREST [41.07, -90.95], 3.5 N BALD BLUFF [41.07, -90.85], 3.8 SSW LOMAX [40.63, -91.10]				
	04/18/11 11:00 CST		0.25M	Flood (due to Heavy Rain / Snow Melt)
	04/30/11 23:59 CST		0	Source: River/Stream Gage
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Water from snow-melt in the upper Midwest moved south through the Mississippi River basin causing major flooding along the Mississippi River.				
The snowfall was well above normal for the 2010-11 winter in much of Minnesota and Wisconsin. Minneapolis, MN recorded 86.6 inches of snow, which is 30 inches above normal. Snowfall in eastern Iowa, northwest Illinois, and northeast Missouri totaled 35 to 65 inches, which was 10 to 20 inches above normal.				
The snow-melt flood crest reached Dubuque on April 19 and was finally south of the Burlington area by April 25. The crest levels ranked 4th through 8th depending on the location, when compared to historical crests.				
Bellevue surpassed its 20.0 foot major flood stage level around 640 am CDT 4/18. It crested around 20.58 feet around 1000 am CDT 4/20. It fell below the major flood stage level around 910 am CDT 4/22.				
Fulton surpassed its 20.0 foot major flood stage level around 540 pm CDT 4/18. It crested around 21.06 feet around 600 am CDT 4/21. It fell below the major flood stage level around 300 pm CDT 4/24.				
Camanche surpassed its 20.5 foot major flood stage level around 815 am CDT 4/18. It crested around 21.93 feet around 1000 am CDT 4/21.				

Storm Data and Unusual Weather Phenomena - April 2011

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It fell below the major flood stage level around 730 pm CDT 4/25.

Le Claire surpassed its 13.5 foot major flood stage level around 441 am CDT 4/18.

It crested around 14.97 feet around 400 am CDT 4/22.

It fell below the major flood stage level around 834 pm CDT 4/26.

Rock Island surpassed its 18.0 foot major flood stage level around 320 pm CDT 4/16.

It crested around 20.71 feet around 1000 pm CDT 4/22.

It fell below the major flood stage level around 431 pm CDT 4/29.

Illinois City surpassed its 18.0 foot major flood stage level around 847 pm CDT 4/17.

It crested around 20.74 feet around 400 am CDT 4/23.

It fell below the major flood stage level around 1113 am CDT 4/30.

Muscatine surpassed its 20.0 foot major flood stage level around 845 pm CDT 4/18.

It crested around 21.87 feet around 100 pm CDT 4/23.

It fell below the major flood stage level around 1100 pm CDT 4/28.

New Boston surpassed its 18.5 foot major flood stage level around 224 am CDT 4/18.

It crested around 20.96 feet around 200 pm CDT 4/24.

It fell below the major flood stage level around 131 am CDT 5/02.

Keithsburg surpassed its 17.0 foot major flood stage level around 700 pm CDT 4/18.

It crested around 19.19 feet around 700 pm CDT 4/24.

It fell below the major flood stage level around 145 pm CDT 5/02.

Gladstone surpassed its 14.0 foot major flood stage level around 920 am CDT 4/19.

It crested around 16.06 1000 pm CDT 4/24.

It fell below the major flood stage level around 100 pm CDT 5/02.

Burlington surpassed its 18.0 foot major flood stage level around 1230 pm CDT 4/18.

It crested around 20.24 1145 pm CDT 4/24.

It fell below the major flood stage level around 900 am CDT 5/04.

BUREAU COUNTY --- 1.3 ENE DEPUE [41.33, -89.30]

04/19/11 17:25 CST	0		Hail (0.75 in)
04/19/11 17:25 CST	0		Source: Trained Spotter

HENRY COUNTY --- 0.7 N KEWANEE [41.24, -89.93]

04/19/11 17:30 CST	0		Hail (0.75 in)
04/19/11 17:30 CST	0		Source: Trained Spotter

HENRY COUNTY --- 2.3 SSE BISHOP HILL [41.17, -90.10]

04/19/11 17:35 CST	0		Hail (0.75 in)
04/19/11 17:35 CST	0		Source: Trained Spotter

Non-severe hail fell in and around Depue, IL, Galva, IL, and Kewanee, IL during the evening of April 19.

HANCOCK COUNTY --- NIOTA [40.62, -91.28]

04/22/11 15:15 CST	0		Hail (1.00 in)
04/22/11 15:15 CST	0		Source: Trained Spotter

Quarter sized hail fell in Niota, IL at 415 pm CDT April 22.

HENDERSON COUNTY --- 0.5 E BIGGSVILLE [40.85, -90.86]

04/22/11 15:43 CST	0		Hail (0.75 in)
04/22/11 15:43 CST	0		Source: Law Enforcement

A motorist observed dime sized hail in Biggsville, IL at 443 pm CDT April 22. Relayed by law enforcement.

A low pressure system moved northeast toward the southeastern tip of Iowa during the afternoon of April 22, providing the area with cloudy skies and scattered showers and thunderstorms. One of the stronger storms was severe, producing hail the size of a quarter. High temperatures were in the lower 40s in Dubuque and Freeport, while readings in the lower 60s were recorded in Macomb.

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IOWA, East Central and Southeast

IOWA COUNTY --- 0.9 NW LADORA [41.76, -92.19]

04/03/11 17:10 CST	0	0	Hail (0.75 in)	
04/03/11 17:10 CST	0	0	Source: Trained Spotter	

IOWA COUNTY --- 1.4 S MARENGO [41.78, -92.07]

04/03/11 17:14 CST	0	0	Hail (0.75 in)	
04/03/11 17:14 CST	0	0	Source: Trained Spotter	

IOWA COUNTY --- 1.4 S MARENGO [41.78, -92.07]

04/03/11 17:17 CST	0	0	Hail (1.00 in)	
04/03/11 17:17 CST	0	0	Source: Trained Spotter	

Quarter sized hail fell 1 mile south of Marengo, IA at 617 pm CDT April 3.

IOWA COUNTY --- HOMESTEAD [41.77, -91.87]

04/03/11 17:25 CST	1M	0	Hail (1.75 in)	
04/03/11 17:25 CST	0	0	Source: Trained Spotter	

Golf ball sized hail fell 2 miles south of Amana, IA around 625 pm CDT April 3.

IOWA COUNTY --- 2.0 WNW GENOA BLUFF [41.70, -92.18]

04/03/11 17:29 CST	0	0	Hail (1.75 in)	
04/03/11 17:29 CST	0	0	Source: Public	

Golf ball sized hail fell about 5 miles south of Ladora, IA near mile marker 210.5 on Interstate 80 at 629 pm CDT April 3.

BENTON COUNTY --- 1.5 NNE ATKINS [42.00, -91.86]

04/03/11 17:32 CST	0	0	Hail (0.75 in)	
04/03/11 17:32 CST	0	0	Source: Trained Spotter	

IOWA COUNTY --- MIDDLE AMANA [41.80, -91.90]

04/03/11 17:32 CST	0	0	Hail (1.75 in)	
04/03/11 17:32 CST	0	0	Source: Trained Spotter	

Golf ball sized hail fell 2 miles west of Amana, IA at 632 pm CDT April 3.

BENTON COUNTY --- 0.9 NE ATKINS [41.99, -91.86]

04/03/11 17:34 CST	0	0	Hail (1.00 in)	
04/03/11 17:34 CST	0	0	Source: Trained Spotter	

Quarter sized hail fell 1 mile south southeast of Atkins, IA at 634 pm CDT April 3.

IOWA COUNTY --- 0.9 NW LADORA [41.76, -92.19]

04/03/11 17:34 CST	0	0	Hail (1.00 in)	
04/03/11 17:34 CST	0	0	Source: Trained Spotter	

Quarter sized hail fell in Ladora, IA at 634 pm CDT April 3.

JOHNSON COUNTY --- 0.7 S SWISHER [41.84, -91.70]

04/03/11 17:40 CST	0	0	Hail (1.75 in)	
04/03/11 17:40 CST	0	0	Source: Trained Spotter	

Golf ball sized hail fell in Swisher, IA at 640 pm CDT April 3.

LINN COUNTY --- 1.2 SSE (CID)CEDAR RAPIDS AR [41.86, -91.71], 10.0 SSW CEDAR RAPIDS [41.87, -91.72]

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	04/03/11 17:44 CST		0	Hail (1.75 in)
	04/03/11 17:44 CST		0	Source: Trained Spotter
Golf ball sized hail fell about 1 mile south of the Cedar Rapids Airport or about 10 miles south southwest of Cedar Rapids, IA at 644 pm CDT April 3.				
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JOHNSON COUNTY --- 0.9 NE NORTH LIBERTY [41.76, -91.61]				
	04/03/11 17:45 CST		0	Thunderstorm Wind (EG 61 kt)
	04/03/11 17:45 CST		0	Source: Trained Spotter
Wind gusts estimated to be 70 mph were observed 1 mile north of North Liberty, IA at 645 pm CDT April 3.				
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LINN COUNTY --- 1.4 N HIAWATHA [42.05, -91.68]				
	04/03/11 17:45 CST		0	Hail (1.00 in)
	04/03/11 17:45 CST		0	Source: Fire Department/Rescue
Quarter sized hail fell in Hiawatha, IA at 645 pm CDT April 3.				
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JOHNSON COUNTY --- 1.2 SE SWISHER [41.84, -91.68]				
	04/03/11 17:47 CST		0	Hail (1.75 in)
	04/03/11 17:47 CST		0	Source: COOP Observer
Golf ball sized hail fell 1 mile east of Swisher, IA at 647 pm CDT April 3.				
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KEOKUK COUNTY --- 2.9 WNW SOUTH ENGLISH [41.47, -92.13]				
	04/03/11 17:47 CST		0	Hail (1.00 in)
	04/03/11 17:47 CST		0	Source: Fire Department/Rescue
Quarter sized hail fell 3 miles northeast of Webster, IA around 647 pm CDT April 3.				
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IOWA COUNTY --- AMANA APT [41.80, -91.87]				
	04/03/11 17:50 CST		0	Hail (1.00 in)
	04/03/11 17:50 CST		0	Source: Emergency Manager
Quarter sized hail fell in Amana, IA at 650 pm CDT April 3.				
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JOHNSON COUNTY --- 1.5 SSW SWISHER [41.83, -91.71]				
	04/03/11 17:51 CST		0	Hail (2.00 in)
	04/03/11 17:51 CST		0	Source: Trained Spotter
Two inch diameter hail fell 1 mile southwest of Swisher, IA at 651 pm CDT April 3.				
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LINN COUNTY --- 2.6 SE CENTRAL CITY ARPT [42.14, -91.54]				
	04/03/11 17:57 CST		0	Hail (1.00 in)
	04/03/11 17:57 CST		0	Source: Trained Spotter
Quarter sized hail fell 4 miles east of Alburnett, IA at 657 pm CDT April 3.				
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KEOKUK COUNTY --- 0.5 W SIGOURNEY [41.33, -92.21]				
	04/03/11 18:04 CST		0	Hail (0.75 in)
	04/03/11 18:04 CST		0	Source: Trained Spotter
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LINN COUNTY --- 0.9 NW PRAIRIEBURG [42.24, -91.43]				
	04/03/11 18:05 CST		0	Hail (1.25 in)
	04/03/11 18:05 CST		0	Source: Trained Spotter
Half dollar sized hail fell in Prairieburg, IA at 705 pm CDT April 3.				
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DELAWARE COUNTY --- 1.2 SW HOPKINTON [42.34, -91.27]				
	04/03/11 18:14 CST		0	Hail (1.00 in)
	04/03/11 18:14 CST		0	Source: Emergency Manager
Quarter sized hail fell 1 mile west of Hopkinton, IA at 714 pm CDT April 3.				

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DELAWARE COUNTY --- 0.7 S HOPKINTON [42.34, -91.25]				
	04/03/11 18:17 CST	0		Hail (1.00 in)
	04/03/11 18:17 CST	0		Source: Emergency Manager
Quarter sized hail fell in Hopkinton, IA at 717 pm CDT April 3.				
DUBUQUE COUNTY --- 0.7 N WORTHINGTON [42.41, -91.12]				
	04/03/11 18:22 CST	1M		Hail (1.75 in)
	04/03/11 18:22 CST	0		Source: Law Enforcement
Golf ball sized hail fell 1 mile north of Worthington, IA around 722 pm CDT April 3.				
DUBUQUE COUNTY --- 1.2 SE DYERSVILLE [42.47, -91.10]				
	04/03/11 18:28 CST	0		Hail (1.00 in)
	04/03/11 18:28 CST	0		Source: Fire Department/Rescue
Quarter sized hail fell 1 mile southeast of Dyersville, IA at 728 pm CDT April 3.				
DUBUQUE COUNTY --- 0.9 SW BANKSTON [42.51, -90.96]				
	04/03/11 18:34 CST	0		Hail (1.00 in)
	04/03/11 18:34 CST	0		Source: Emergency Manager
Quarter sized hail fell in Bankston, IA at 734 pm CDT April 3.				
DUBUQUE COUNTY --- 2.1 NW BANKSTON [42.54, -90.98]				
	04/03/11 18:40 CST	0		Hail (1.00 in)
	04/03/11 18:40 CST	0		Source: Trained Spotter
Quarter sized hail fell 2 miles north northwest of Bankston, IA at 740 pm CDT April 3.				
WASHINGTON COUNTY --- 3.2 ESE RIVERSIDE [41.47, -91.54]				
	04/03/11 18:49 CST	0		Hail (1.75 in)
	04/03/11 18:49 CST	0		Source: Trained Spotter
Golf ball sized hail fell 2 miles east southeast of Riverside, IA at 749 pm CDT April 3.				
CEDAR COUNTY --- 0.5 N LOWDEN [41.86, -90.93]				
	04/03/11 18:50 CST	0		Hail (1.50 in)
	04/03/11 18:50 CST	0		Source: COOP Observer
Ping pong ball sized hail fell in Lowden, IA at 750 pm CDT April 3.				
JEFFERSON COUNTY --- 0.9 NE FAIRFIELD [41.01, -91.97]				
	04/03/11 19:00 CST	0		Hail (0.75 in)
	04/03/11 19:00 CST	0		Source: Trained Spotter
MUSCATINE COUNTY --- CONESVILLE [41.38, -91.35]				
	04/03/11 19:02 CST	0		Hail (0.75 in)
	04/03/11 19:02 CST	0		Source: Trained Spotter
JEFFERSON COUNTY --- 0.9 NE FAIRFIELD [41.01, -91.97]				
	04/03/11 19:04 CST	0		Hail (0.75 in)
	04/03/11 19:04 CST	0		Source: Trained Spotter
DUBUQUE COUNTY --- 7.0 SW DUBUQUE [42.43, -90.77]				
	04/03/11 19:16 CST	0		Hail (1.75 in)
	04/03/11 19:16 CST	0		Source: Trained Spotter
Golf ball sized hail fell 7 miles southwest of Dubuque, IA in Swiss Valley at 816 pm CDT April 3.				

Storm Data and Unusual Weather Phenomena - April 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MUSCATINE COUNTY --- 0.9 SW MUSCATINE [41.41, -91.06]				
	04/03/11 19:18 CST	0		Hail (1.00 in)
	04/03/11 19:18 CST	0		Source: Trained Spotter
Quarter sized hail fell near Muscatine, IA at 818 pm CDT April 3.				
DUBUQUE COUNTY --- 0.5 E CENTER GROVE [42.50, -90.69]				
	04/03/11 19:19 CST	0		Hail (1.75 in)
	04/03/11 19:19 CST	0		Source: Trained Spotter
Golf ball sized hail fell on the south side of Dubuque, IA at 819 pm CDT April 3.				
CLINTON COUNTY --- DEWITT [41.82, -90.55]				
	04/03/11 19:20 CST	0		Hail (0.88 in)
	04/03/11 19:20 CST	0		Source: Trained Spotter
DUBUQUE COUNTY --- 0.5 W ASBURY [42.52, -90.76]				
	04/03/11 19:21 CST	0		Hail (1.00 in)
	04/03/11 19:21 CST	0		Source: Trained Spotter
Quarter sized hail fell 4 miles west northwest of Dubuque, IA at 821 pm CDT April 3.				
DUBUQUE COUNTY --- 0.5 W DUBUQUE [42.50, -90.68]				
	04/03/11 19:21 CST	0		Hail (0.88 in)
	04/03/11 19:21 CST	0		Source: Trained Spotter
DUBUQUE COUNTY --- 0.7 N DUBUQUE [42.51, -90.67]				
	04/03/11 19:21 CST	0		Hail (2.00 in)
	04/03/11 19:21 CST	0		Source: Trained Spotter
Two inch diameter hail fell 1 mile east northeast of Dubuque, IA at 821 pm CDT April 3.				
DUBUQUE COUNTY --- 1.5 SSW DUBUQUE [42.48, -90.68]				
	04/03/11 19:21 CST	0		Hail (1.75 in)
	04/03/11 19:21 CST	0		Source: Trained Spotter
Golf ball sized hail fell 1 mile south southeast of Dubuque, IA at 821 pm CDT April 3.				
MUSCATINE COUNTY --- 1.0 W MUSCATINE [41.42, -91.07]				
	04/03/11 19:21 CST	0		Hail (0.75 in)
	04/03/11 19:21 CST	0		Source: Trained Spotter
MUSCATINE COUNTY --- 3.4 ENE ARDON [41.42, -91.14]				
	04/03/11 19:21 CST	0		Hail (1.75 in)
	04/03/11 19:21 CST	0		Source: Trained Spotter
Golf ball sized hail fell 3 miles west of Muscatine, IA at 821 pm CDT April 3.				
MUSCATINE COUNTY --- 1.0 W MUSCATINE [41.42, -91.07]				
	04/03/11 19:22 CST	0		Hail (1.25 in)
	04/03/11 19:22 CST	0		Source: Trained Spotter
Half dollar sized hail fell in Muscatine, IA at 822 pm CDT April 3.				
DUBUQUE COUNTY --- 0.7 NNE CENTER GROVE [42.51, -90.69]				
	04/03/11 19:23 CST	0		Hail (1.75 in)
	04/03/11 19:23 CST	0		Source: Trained Spotter
Golf ball sized hail fell at Clarke University in Dubuque, IA at 823 pm CDT April 3.				

Storm Data and Unusual Weather Phenomena - April 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
DUBUQUE COUNTY --- 1.5 NNE CENTER GROVE [42.52, -90.69]				
	04/03/11 19:24 CST	0		Hail (1.00 in)
	04/03/11 19:24 CST	0		Source: Trained Spotter
Quarter sized hail fell 1 mile north of Dubuque, IA at 824 pm CDT April 3.				
MUSCATINE COUNTY --- 2.3 NNE MUSCATINE [41.45, -91.03]				
	04/03/11 19:25 CST	0		Hail (0.88 in)
	04/03/11 19:25 CST	0		Source: Trained Spotter
MUSCATINE COUNTY --- 3.5 NW MUSCATINE [41.46, -91.09]				
	04/03/11 19:25 CST	0		Hail (0.88 in)
	04/03/11 19:25 CST	0		Source: Trained Spotter
MUSCATINE COUNTY --- 0.9 NE MUSCATINE [41.43, -91.04]				
	04/03/11 19:27 CST	0		Hail (1.00 in)
	04/03/11 19:27 CST	0		Source: Trained Spotter
Quarter sized hail fell 2 miles east northeast of Muscatine, IA at 827 pm CDT April 3.				
MUSCATINE COUNTY --- 1.3 ENE MUSCATINE [41.43, -91.03]				
	04/03/11 19:27 CST	0		Hail (1.50 in)
	04/03/11 19:27 CST	0		Source: Trained Spotter
Ping pong ball sized hail fell 2 miles east northeast of Muscatine, IA at 827 pm CDT April 3.				
DUBUQUE COUNTY --- 0.9 NW DUBUQUE [42.51, -90.68]				
	04/03/11 19:29 CST	0		Hail (3.00 in)
	04/03/11 19:29 CST	0		Source: Trained Spotter
Hockey puck sized hail fell 1 mile northeast of Dubuque, IA at 829 pm CDT April 3.				
DUBUQUE COUNTY --- 0.7 N DUBUQUE [42.51, -90.67]				
	04/03/11 19:30 CST	0		Hail (3.50 in)
	04/03/11 19:30 CST	0		Source: Trained Spotter
Grapefruit sized hail fell 1 mile east northeast of Dubuque, IA at 830 pm CDT April 3 filling the streets with hail.				
LOUISA COUNTY --- 0.5 E GRANDVIEW [41.28, -91.19]				
	04/03/11 19:31 CST	0		Hail (1.00 in)
	04/03/11 19:31 CST	0		Source: Trained Spotter
Quarter sized hail fell in Grandview, IA at 831 pm CDT April 3.				
MUSCATINE COUNTY --- 1.0 W MUSCATINE [41.42, -91.07]				
	04/03/11 19:37 CST	0		Hail (0.88 in)
	04/03/11 19:37 CST	0		Source: Trained Spotter
VAN BUREN COUNTY --- 2.7 ESE MT STERLING [40.61, -91.87]				
	04/03/11 19:48 CST	0		Hail (0.75 in)
	04/03/11 19:48 CST	0		Source: Trained Spotter
LEE COUNTY --- 1.3 WNW KEOKUK ARPT [40.48, -91.45]				
	04/03/11 20:29 CST	0		Hail (1.00 in)
	04/03/11 20:29 CST	0		Source: Trained Spotter
Quarter sized hail fell 6 miles north northwest of Keokuk, IA at 929 pm CDT April 3.				

A warm front lifted northward across the region during the morning of April 3, allowing for strong southerly winds behind the front to bring warmer air into the region. Showers and thunderstorms spread into the area during the afternoon and evening, as a cold front

Storm Data and Unusual Weather Phenomena - April 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>tracked across the area. Some storms were severe, producing large hail and damaging winds. High temperatures were well above normal, ranging from the upper 60s in northeast Iowa and northern Illinois to the upper 70s in southeast Iowa, western Illinois and northeast Missouri.</p>				
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HENRY COUNTY --- 0.7 WSW MT PLEASANT MUNI ARP [40.95, -91.51]				
	04/10/11 19:15 CST		0	Thunderstorm Wind (MG 57 kt)
	04/10/11 19:15 CST		0	Source: AWOS
<p>A 66 mph wind gust was measured by the AWOS at the Mount Pleasant, IA Airport at 815 pm CDT April 10.</p> <p>A cold front moved through the area during the evening of April 10 sparking a line of thunderstorms. One of the stronger storms produced a 66 mph wind gust in Mount Pleasant, IA around 815 pm CDT.</p>				
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DUBUQUE COUNTY --- 4.9 NNE WHITE PINE HOLLOW SP [42.70, -91.10], 8.3 NNE SHERRILL [42.70, -90.69], 9.6 ESE MASSEY [42.38, -90.40], 3.0 SSW MASSEY [42.38, -90.60], 1.0 W SHERRILL [42.60, -90.80]				
	04/13/11 07:00 CST		0.25M	Flood (due to Heavy Rain / Snow Melt)
	04/22/11 17:00 CST		0	Source: River/Stream Gage
<p>Water from snow-melt in the upper Midwest moved south through the Mississippi River basin causing major flooding along the Mississippi River.</p> <p>The snowfall was well above normal for the 2010-11 winter in much of Minnesota and Wisconsin. Minneapolis, MN recorded 86.6 inches of snow, which is 30 inches above normal. Snowfall in eastern Iowa, northwest Illinois, and northeast Missouri totaled 35 to 65 inches, which was 10 to 20 inches above normal.</p> <p>The snow-melt flood crest reached Dubuque on April 19 and was finally south of the Burlington area by April 25. The crest levels ranked 4th through 8th depending on the location, when compared to historical crests.</p> <p>Dubuque lock and dam 11 surpassed its 20.5 foot major flood stage level around 625 am CDT 4/17. It crested around 21.24 feet around 800 pm CDT 4/19. It fell below the major flood stage level around 400 pm CDT 4/21.</p> <p>Dubuque surpassed its 21.5 foot major flood stage level around 830 am CDT 4/13. It crested around 22.82 feet around 815 pm CDT 4/19. It fell below the major flood stage level around 546 pm CDT 4/22.</p> <p>Bellevue surpassed its 20.0 foot major flood stage level around 640 am CDT 4/18. It crested around 20.58 feet around 1000 am CDT 4/20. It fell below the major flood stage level around 910 am CDT 4/22.</p>				
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SCOTT COUNTY --- 3.4 WNW BUFFALO [41.47, -90.79], 3.7 NE PLEASANT VLY [41.60, -90.37], 3.2 SSE MC CAUSLAND [41.73, -90.37], 5.8 NE PRINCETON [41.73, -90.27], 2.7 S LE CLAIRE [41.56, -90.27], 4.7 SW BUFFALO [41.40, -90.79]				
	04/16/11 14:00 CST		0.25M	Flood (due to Heavy Rain / Snow Melt)
	04/30/11 06:00 CST		0	Source: River/Stream Gage
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MUSCATINE COUNTY --- 4.3 NW MUSCATINE [41.47, -91.10], 1.6 E MONTPELIER [41.47, -90.79], 9.7 SE FAIRPORT [41.33, -90.79], 2.1 SE FRUITLAND [41.33, -91.10]				
	04/17/11 06:00 CST		0.25M	Flood (due to Heavy Rain / Snow Melt)
	04/30/11 23:59 CST		0	Source: River/Stream Gage
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LOUISA COUNTY --- 3.8 SSE GRANDVIEW [41.23, -91.17], 6.2 ENE GRANDVIEW [41.33, -91.10], 8.5 ENE GRANDVIEW [41.33, -91.05], 8.1 ESE OAKVILLE [41.07, -90.90], 3.3 SE OAKVILLE [41.07, -91.00]				
	04/18/11 00:00 CST		0.25M	Flood (due to Heavy Rain / Snow Melt)
	04/30/11 23:59 CST		0	Source: River/Stream Gage
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JACKSON COUNTY --- 2.6 WNW ST DONATUS [42.38, -90.60], 3.6 E GORDONS FERRY [42.38, -90.40], 9.2 ESE SABULA [42.03, -90.00], 3.2 SSW SABULA [42.03, -90.20]				
	04/18/11 05:00 CST		0.25M	Flood (due to Heavy Rain / Snow Melt)
	04/23/11 18:00 CST		0	Source: River/Stream Gage
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CLINTON COUNTY --- 2.1 N HAUNTOWN [42.03, -90.20], 10.5 ENE HAUNTOWN [42.03, -90.00], 6.2 S WEST CLINTON [41.73, -90.20], 1.7 SW FOLLETT [41.73, -90.40]				

Storm Data and Unusual Weather Phenomena - April 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/18/11 07:00 CST		0.25M	Flood (due to Heavy Rain / Snow Melt)
	04/25/11 19:00 CST		0	Source: River/Stream Gage

DES MOINES COUNTY --- 3.8 SW SPRING GROVE [40.69, -91.20], 3.2 NNE HURON [41.07, -91.00], 9.8 ENE HURON [41.07, -90.85], 5.9 ESE SPRING GROVE [40.69, -91.05]

	04/19/11 00:00 CST		0.25M	Flood (due to Heavy Rain / Snow Melt)
	04/30/11 23:59 CST		0	Source: River/Stream Gage

Water from snow-melt in the upper Midwest moved south through the Mississippi River basin causing major flooding along the Mississippi River.

The snowfall was well above normal for the 2010-11 winter in much of Minnesota and Wisconsin. Minneapolis, MN recorded 86.6 inches of snow, which is 30 inches above normal. Snowfall in eastern Iowa, northwest Illinois, and northeast Missouri totaled 35 to 65 inches, which was 10 to 20 inches above normal.

The snow-melt flood crest reached Dubuque on April 19 and was finally south of the Burlington area by April 25. The crest levels ranked 4th through 8th depending on the location, when compared to historical crests.

Dubuque lock and dam 11 surpassed its 20.5 foot major flood stage level around 625 am CDT 4/17.
It crested around 21.24 feet around 800 pm CDT 4/19.
It fell below the major flood stage level around 400 pm CDT 4/21.

Dubuque surpassed its 21.5 foot major flood stage level around 830 am CDT 4/13.
It crested around 22.82 feet around 815 pm CDT 4/19.
It fell below the major flood stage level around 546 pm CDT 4/22.

Bellevue surpassed its 20.0 foot major flood stage level around 640 am CDT 4/18.
It crested around 20.58 feet around 1000 am CDT 4/20.
It fell below the major flood stage level around 910 am CDT 4/22.

Fulton surpassed its 20.0 foot major flood stage level around 540 pm CDT 4/18.
It crested around 21.06 feet around 600 am CDT 4/21.
It fell below the major flood stage level around 300 pm CDT 4/24.

Camanche surpassed its 20.5 foot major flood stage level around 815 am CDT 4/18.
It crested around 21.93 feet around 1000 am CDT 4/21.
It fell below the major flood stage level around 730 pm CDT 4/25.

Le Claire surpassed its 13.5 foot major flood stage level around 441 am CDT 4/18.
It crested around 14.97 feet around 400 am CDT 4/22.
It fell below the major flood stage level around 834 pm CDT 4/26.

Rock Island surpassed its 18.0 foot major flood stage level around 320 pm CDT 4/16.
It crested around 20.71 feet around 1000 pm CDT 4/22.
It fell below the major flood stage level around 431 pm CDT 4/29.

Illinois City surpassed its 18.0 foot major flood stage level around 847 pm CDT 4/17.
It crested around 20.74 feet around 400 am CDT 4/23.
It fell below the major flood stage level around 1113 am CDT 4/30.

Muscatine surpassed its 20.0 foot major flood stage level around 845 pm CDT 4/18.
It crested around 21.87 feet around 100 pm CDT 4/23.
It fell below the major flood stage level around 1100 pm CDT 4/28.

New Boston surpassed its 18.5 foot major flood stage level around 224 am CDT 4/18.
It crested around 20.96 feet around 200 pm CDT 4/24.
It fell below the major flood stage level around 131 am CDT 5/02.

Keithsburg surpassed its 17.0 foot major flood stage level around 700 pm CDT 4/18.
It crested around 19.19 feet around 700 pm CDT 4/24.
It fell below the major flood stage level around 145 pm CDT 5/02.

Gladstone surpassed its 14.0 foot major flood stage level around 920 am CDT 4/19.
It crested around 16.06 1000 pm CDT 4/24.

Storm Data and Unusual Weather Phenomena - April 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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It fell below the major flood stage level around 100 pm CDT 5/02.

Burlington surpassed its 18.0 foot major flood stage level around 1230 pm CDT 4/18.

It crested around 20.24 1145 pm CDT 4/24.

It fell below the major flood stage level around 900 am CDT 5/04.

JEFFERSON COUNTY --- 0.9 NE FAIRFIELD [41.01, -91.97]

04/19/11 06:50 CST			0	Hail (0.75 in)
04/19/11 06:50 CST			0	Source: Trained Spotter

JEFFERSON COUNTY --- 1.0 W FAIRFIELD [41.00, -92.00]

04/19/11 06:50 CST			0	Hail (0.75 in)
04/19/11 06:50 CST			0	Source: Trained Spotter

JEFFERSON COUNTY --- 0.9 NE FAIRFIELD [41.01, -91.97]

04/19/11 06:55 CST			0	Hail (0.75 in)
04/19/11 06:55 CST			0	Source: Trained Spotter

JEFFERSON COUNTY --- 1.5 SSE PERLEE [41.06, -91.91]

04/19/11 06:57 CST			0	Hail (0.75 in)
04/19/11 06:57 CST			0	Source: Trained Spotter

BENTON COUNTY --- 1.0 SSW BELLE PLAINE [41.89, -92.29]

04/19/11 21:45 CST			0	Hail (0.75 in)
04/19/11 21:45 CST			0	Source: Trained Spotter

Non-severe hail fell in and around Fairfield, IA and Belle Plaine, IA during the morning of April 19.

MISSOURI, Northeast

SCOTLAND COUNTY --- 0.7 S MEMPHIS [40.46, -92.17]

04/03/11 19:58 CST			0	Hail (0.88 in)
04/03/11 19:58 CST			0	Source: Trained Spotter

SCOTLAND COUNTY --- 0.7 S MEMPHIS [40.46, -92.17]

04/03/11 20:09 CST			0	Hail (0.75 in)
04/03/11 20:09 CST			0	Source: Trained Spotter

Non-severe hail fell in Memphis, MO during the evening of April 3.