

Storm Data and Unusual Weather Phenomena - March 2016

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
IOWA, Southwest				
FREMONT COUNTY --- 1.7 WNW PAYNE [40.68, -95.78]				
	03/23/16 15:24 CST	0		Hail (0.75 in)
	03/23/16 15:24 CST	0		Source: NWS Employee
FREMONT COUNTY --- 0.7 N RIVERTON [40.69, -95.57]				
	03/23/16 16:05 CST	0		Hail (0.88 in)
	03/23/16 16:05 CST	0		Source: Trained Spotter
PAGE COUNTY --- 0.7 S SHENANDOAH [40.76, -95.37]				
	03/23/16 16:18 CST	0		Hail (1.00 in)
	03/23/16 16:20 CST	0		Source: Trained Spotter
The spotter measured hail from nickel to quarter size over a short period of time.				
PAGE COUNTY --- 0.9 NW NORTHBORO [40.61, -95.29]				
	03/23/16 16:37 CST	0		Hail (0.88 in)
	03/23/16 16:37 CST	0		Source: Trained Spotter
PAGE COUNTY --- 3.8 NNE PAGE CENTRE [40.77, -95.10]				
	03/23/16 17:19 CST	0		Thunderstorm Wind (EG 52 kt)
	03/23/16 17:19 CST	0		Source: Fire Department/Rescue
A barn was reportedly destroyed and blow into a house as this address.				
<p>A significant early spring winter storm affected a good portion of eastern Nebraska and western Iowa during the afternoon on the 23rd into the early morning hours of the 24th. As the strong storm moved into the Plains during the morning hours on the 23rd, Gulf moisture rushed northward ahead of the system and allowed for thunderstorms and isolated severe weather to occur during the afternoon on the 23rd. On the back side of the system though, colder air fed in from the northern Plains and allowed for the rain to mix with and change over to snow over northeast Nebraska and extreme west central Iowa during the late afternoon and especially during the evening. Heavy snow was then observed in a band from northwest Iowa into northeast Nebraska with some thundersnow also observed. Extremely heavy snowfall rates of 2 to 4 inches an hour occurred within this band leading to many snowfall totals over 1 foot in a relatively short amount of time. The storm system finally started to shift out of the area during the early morning hours on the 24th.</p>				
NEBRASKA, East				
SAUNDERS COUNTY --- 2.1 S WAHOO [41.19, -96.62]				
	03/23/16 15:16 CST	0		Hail (0.75 in)
	03/23/16 15:16 CST	0		Source: Public
SARPY COUNTY --- 3.5 S GRETNA [41.10, -96.24]				
	03/23/16 15:53 CST	0		Hail (1.00 in)
	03/23/16 15:53 CST	0		Source: Law Enforcement
(NE-Z012) CEDAR, (NE-Z015) THURSTON, (NE-Z016) ANTELOPE, (NE-Z017) PIERCE, (NE-Z018) WAYNE, (NE-Z030) BOONE, (NE-Z031) MADISON, (NE-Z032) STANTON, (NE-Z033) CUMING, (NE-Z043) COLFAX				
	03/23/16 16:00 CST	0		Heavy Snow
	03/24/16 04:00 CST	0		
(NE-Z093) RICHARDSON				
	03/23/16 16:10 CST	5K		Strong Wind (MAX 45 kt)
	03/23/16 16:10 CST	0		
CUMING COUNTY --- 1.2 NE WISNER [41.99, -96.91]				

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	03/23/16 16:30 CST		0	Hail (0.88 in)
	03/23/16 16:30 CST		0	Source: Broadcast Media

A significant early spring winter storm affected a good portion of eastern Nebraska and western Iowa during the afternoon on the 23rd into the early morning hours of the 24th. As the strong storm moved into the Plains during the morning hours on the 23rd, Gulf moisture rushed northward ahead of the system and allowed for thunderstorms and isolated severe weather to occur during the afternoon on the 23rd. On the back side of the system though, colder air fed in from the northern Plains and allowed for the rain to mix with and change over to snow over northeast Nebraska and extreme west central Iowa during the late afternoon and especially during the evening. Heavy snow was then observed in a band from northwest Iowa into northeast Nebraska with some thundersnow also observed. Extremely heavy snowfall rates of 2 to 4 inches an hour occurred within this band leading to many snowfall totals over 1 foot in a relatively short amount of time. The storm system finally started to shift out of the area during the early morning hours on the 24th.

BOONE COUNTY --- 0.7 S ALBION [41.69, -98.00]

03/29/16 10:48 CST	0	Hail (1.25 in)
03/29/16 10:48 CST	0	Source: Amateur Radio

The ground was completely covered by mainly small hail. Snow plows had to be used to clear the highway.

Thunderstorms developed early in the morning on the 29th of March over central and southern Nebraska associated with a low-level jet and moisture returning to the central Plains. These thunderstorms, largely non-severe, moved northeast across northeast Nebraska during the morning on the 29th. One thunderstorm near Albion became briefly severe producing large hail.



Hail covering the ground in Albion, NE. Photo by Kurt Kettelson.

LANCASTER COUNTY --- 1.9 SSE LANCASTER [40.76, -96.65]

03/30/16 19:41 CST	0	Hail (1.00 in)
03/30/16 19:41 CST	0	Source: Trained Spotter

A cold front moved southeast across southeast Nebraska during the afternoon 30th. Thunderstorms developed behind the cold front over central Nebraska and moved east into southeast Nebraska during the evening. These thunderstorms were largely non-severe with mainly small hail, but the storm was briefly severe near the Lincoln area with large hail.