

## Storm Data and Unusual Weather Phenomena - April 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>IOWA, Southwest</b>				
<b>FREMONT COUNTY --- 1.0 SSE SIDNEY [40.74, -95.64]</b>				
	04/01/15 22:35 CST	0		Thunderstorm Wind (EG 52 kt)
	04/01/15 22:35 CST	0		Source: COOP Observer
The observer reported winds in excess of 60 mph.				
<b>FREMONT COUNTY --- 1.0 SSE SIDNEY [40.74, -95.64]</b>				
	04/01/15 22:37 CST	0		Hail (0.88 in)
	04/01/15 22:37 CST	0		Source: COOP Observer
A cold front moved into eastern Nebraska during the afternoon of the 1st. Ahead of the cold front some moisture return from the southern Plains coupled with steep lapse-rates aloft to create marginal instability. Isolated to scattered thunderstorms developed along the cold front by late afternoon, developing into a line of thunderstorms before moving southeast through eastern Nebraska and into western Iowa. Isolated severe weather was reported along this line.				
<b>NEBRASKA, East</b>				
<b>PIERCE COUNTY --- 1.5 NNE MC LEAN [42.39, -97.47]</b>				
	04/01/15 16:15 CST	0		Hail (1.00 in)
	04/01/15 16:15 CST	0		Source: Public
<b>CEDAR COUNTY --- 3.6 E RANDOLPH [42.38, -97.28]</b>				
	04/01/15 16:32 CST	0		Hail (0.88 in)
	04/01/15 16:32 CST	0		Source: Trained Spotter
<b>CEDAR COUNTY --- 0.9 SW BELDEN [42.41, -97.21]</b>				
	04/01/15 16:37 CST	0		Hail (0.88 in)
	04/01/15 16:37 CST	0		Source: Trained Spotter
<b>MADISON COUNTY --- 9.7 SSW BATTLE CREEK [41.87, -97.67]</b>				
	04/01/15 17:06 CST	0		Hail (0.88 in)
	04/01/15 17:06 CST	0		Source: Public
<b>MADISON COUNTY --- 3.6 W ENOLA [41.90, -97.55]</b>				
	04/01/15 17:25 CST	0		Hail (1.00 in)
	04/01/15 17:25 CST	0		Source: Trained Spotter
<b>MADISON COUNTY --- 2.6 NW MADISON [41.86, -97.50]</b>				
	04/01/15 17:40 CST	0		Hail (0.88 in)
	04/01/15 17:40 CST	0		Source: Trained Spotter
<b>LANCASTER COUNTY --- 0.9 ENE AIR PARK WEST [40.88, -96.71]</b>				
	04/01/15 21:28 CST	0		Hail (1.00 in)
	04/01/15 21:28 CST	0		Source: Law Enforcement
<b>CASS COUNTY --- 0.5 W MURRAY [40.92, -95.93]</b>				
	04/01/15 22:15 CST	0		Thunderstorm Wind (EG 52 kt)
	04/01/15 22:15 CST	0		Source: Trained Spotter

A spotter estimated winds near 60 mph. No damage was reported.

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<b>BUTLER COUNTY --- 6.2 N MILLERS FLD ARPT [41.37, -97.37]</b>				
	04/12/15 16:54 CST	0		Hail (1.75 in)
	04/12/15 16:54 CST	0		Source: Emergency Manager
The hail produced siding and roof damage to homes and cars in the area.				
<b>BUTLER COUNTY --- RISING CITY [41.20, -97.30]</b>				
	04/12/15 17:20 CST	0		Hail (0.88 in)
	04/12/15 17:20 CST	0		Source: Law Enforcement
Pea to nickel size hail was covering the ground.				
<b>COLFAX COUNTY --- 6.0 S LEIGH [41.61, -97.23], 8.0 SSE LEIGH [41.59, -97.17]</b>				
	04/12/15 17:25 CST	0		Hail (1.75 in)
	04/12/15 17:30 CST	0		Source: Social Media
The public via social media shared pictures of hail up to golf ball size that shattered windows and tore screens off the south side of the home.				
<b>COLFAX COUNTY --- 7.4 SSE LEIGH [41.60, -97.18]</b>				
	04/12/15 17:30 CST	0		Hail (1.00 in)
	04/12/15 17:30 CST	0		Source: Public
<b>BUTLER COUNTY --- 2.1 NNW DAVID CITY [41.28, -97.14], 0.5 NNE DAVID CITY [41.26, -97.13]</b>				
	04/12/15 17:37 CST	0		Hail (0.75 in)
	04/12/15 17:38 CST	0		Source: Emergency Manager
<b>CUMING COUNTY --- 10.0 WNW BANCROFT [42.09, -96.74]</b>				
	04/12/15 18:12 CST	0		Hail (0.75 in)
	04/12/15 18:12 CST	0		Source: Trained Spotter
<b>CUMING COUNTY --- 9.5 NE WISNER [42.08, -96.80]</b>				
	04/12/15 18:13 CST	0		Hail (0.75 in)
	04/12/15 18:13 CST	0		Source: Trained Spotter
<b>SAUNDERS COUNTY --- 2.1 W WAHOO [41.22, -96.66]</b>				
	04/12/15 18:48 CST	0		Hail (1.00 in)
	04/12/15 18:48 CST	0		Source: Public
<b>SAUNDERS COUNTY --- 2.8 S MEAD [41.19, -96.49]</b>				
	04/12/15 19:10 CST	0		Hail (1.00 in)
	04/12/15 19:10 CST	0		Source: Public
<b>SARPY COUNTY --- 1.6 W CHALCO [41.18, -96.18]</b>				
	04/12/15 19:40 CST	0		Hail (1.00 in)
	04/12/15 19:40 CST	0		Source: Trained Spotter
<b>JEFFERSON COUNTY --- 0.9 SW FAIRBURY [40.14, -97.18]</b>				
	04/12/15 19:42 CST	0		Hail (0.88 in)
	04/12/15 19:42 CST	0		Source: County Official

Thunderstorms developed along an advancing cold front as it moved into northeast Nebraska during the afternoon on the 12th. Moisture was limited across the area, which led to marginal instability across the area. This along with limited wind shear led to only isolated occurrences of severe weather during the late afternoon through mid evening as the line pushed across eastern Nebraska.

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*Large hail south of Columbus, NE. Photo by Tim Hofbauer.*