

Storm Data and Unusual Weather Phenomena - April 2016

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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IOWA, Southwest

MONONA COUNTY --- 3.5 N WHITING [42.18, -96.15]

04/24/16 15:15 CST	0	Hail (1.00 in)
04/24/16 15:15 CST	0	Source: Emergency Manager

MILLS COUNTY --- 71.9 NNW MINEOLA [42.16, -96.08]

04/24/16 15:32 CST	0	Thunderstorm Wind (EG 52 kt)
04/24/16 15:32 CST	0	Source: COOP Observer

The observer indicated gusts greater than 60 mph.

MONONA COUNTY --- 4.2 W GRANT CENTER [42.18, -96.08]

04/24/16 15:36 CST	0	Hail (1.00 in)
04/24/16 15:36 CST	0	Source: Emergency Manager

FREMONT COUNTY --- 3.0 WSW SHENANDOAH [40.75, -95.42]

04/24/16 19:15 CST	0	Thunderstorm Wind (MG 50 kt)
04/24/16 19:15 CST	0	Source: AWOS

FREMONT COUNTY --- 2.5 WSW SHENANDOAH [40.75, -95.41]

04/24/16 19:46 CST	0	Thunderstorm Wind (MG 54 kt)
04/24/16 19:48 CST	0	Source: AWOS

A seasonably strong closed mid-level cyclone moved from the high Plains to the mid Missouri River Valley during the day on Sunday April 24th. Ahead of this cyclone, partially modified gulf air was pulled north into eastern Nebraska and western Iowa allowing for instability to develop. As the cold front interacted with the instability isolated to scattered thunderstorms develop. Although the majority of these thunderstorms remain non-severe a few severe wind and hail reports were observed during the late afternoon and evening.

MONTGOMERY COUNTY --- 3.8 E STANTON [40.97, -95.05], 2.6 SW TENVILLE [41.00, -95.04]

04/27/16 14:14 CST	0	Tornado (EF1, L: 1.70 mi , W: 50 yd)
04/27/16 14:19 CST	0	Source: NWS Storm Survey

The tornado impact two farmsteads along the path. At the first farm outbuildings were destroyed including a large recently build machine shed. Tree damage was also observed at this location as well. The tornado then traveled north northeast crossing State Highway 34 where additional tree damage was observed. The tornado then impacted the second farmstead where additional outbuilding damage was observed.

MONTGOMERY COUNTY --- 2.1 SW WALLIN [41.05, -95.10]

04/27/16 14:25 CST	0	Hail (1.00 in)
04/27/16 14:25 CST	0	Source: Public

PAGE COUNTY --- ESSEX [40.83, -95.30]

04/27/16 14:50 CST	0	Hail (1.00 in)
04/27/16 14:50 CST	0	Source: Fire Department/Rescue

A large upper-level storm system slow moved across eastern Nebraska and western Iowa during the afternoon on April 27th. As this occurred a occluded cold front slowly moved through the region, as a warm front lifted into southeast Nebraska and southwest Iowa. Although surface temperatures only warmed into the upper 50s to mid 60s, very cold temperatures above the surface created instability across the region. Thunderstorms developed by mid afternoon along the two fronts and isolated to scattered reports of severe weather were received, mainly in the form of large hail and damaging winds. Two thunderstorms became tornadic though during the late afternoon as they interacted with the warm front, with one of these producing a small tornado in west Omaha. In addition, the slow moving nature of the storms also led to areas of heavy rainfall and flash flooding.

NEBRASKA, East

SAUNDERS COUNTY --- 1.5 S WAHOO [41.20, -96.62], 1.0 S ITHACA [41.16, -96.55], 0.4 ESE ITHACA [41.17, -96.54], 1.9 NW ITHACA [41.19, -96.58], 1.2 S WAHOO [41.20, -96.62]

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	04/20/16 20:15 CST		0	Flood (due to Heavy Rain)
	04/20/16 23:00 CST		0	Source: River/Stream Gage

Minor flooding was observed along the Wahoo Creek from near Wahoo downstream to Ithaca.

A deep area of low pressure slowly moved across eastern Nebraska and western Iowa on the 20th into the 21st. An area of heavy rainfall associated with the low pressure led to minor flooding.

DODGE COUNTY --- 0.9 NE FREMONT ARPT [41.46, -96.52]

04/24/16 14:55 CST	0	Hail (0.75 in)
04/24/16 14:55 CST	0	Source: NWS Employee

DODGE COUNTY --- 0.9 NW NICKERSON [41.54, -96.49]

04/24/16 15:00 CST	0	Hail (1.25 in)
04/24/16 15:00 CST	0	Source: Law Enforcement

LANCASTER COUNTY --- 1.7 ESE WEST LINCOLN [40.82, -96.69], 0.5 ENE ARROW ARPT [40.87, -96.64]

04/24/16 18:05 CST	0	Hail (1.50 in)
04/24/16 18:14 CST	0	Source: Trained Spotter

Several reports of large hail and gusty winds were received from Lincoln. The hail size ranged from nickel size to ping pong ball.

LANCASTER COUNTY --- 0.9 NW HOLLAM [40.54, -96.79]

04/24/16 18:10 CST	0	Hail (0.88 in)
04/24/16 18:10 CST	0	Source: Storm Chaser

LANCASTER COUNTY --- 1.0 NNW WEST LINCOLN [40.84, -96.72]

04/24/16 18:16 CST	0	Thunderstorm Wind (MG 59 kt)
04/24/16 18:16 CST	0	Source: Public

SAUNDERS COUNTY --- 1.4 S WAHOO [41.20, -96.62]

04/24/16 18:17 CST	0	Hail (1.00 in)
04/24/16 18:17 CST	0	Source: NWS Employee

DODGE COUNTY --- 0.9 SE FREMONT [41.44, -96.49]

04/24/16 18:21 CST	0	Hail (0.88 in)
04/24/16 18:21 CST	0	Source: NWS Employee

SAUNDERS COUNTY --- 0.5 E MEAD [41.23, -96.49]

04/24/16 18:46 CST	0	Hail (0.88 in)
04/24/16 18:46 CST	0	Source: Social Media

WASHINGTON COUNTY --- 0.9 SE BLAIR [41.54, -96.14]

04/24/16 19:00 CST	0	Thunderstorm Wind (EG 52 kt)
04/24/16 19:00 CST	0	Source: Law Enforcement

Tree limbs and power lines were reported downed in the city of Blair.

A seasonably strong closed mid-level cyclone moved from the high Plains to the mid Missouri River Valley during the day on Sunday April 24th. Ahead of this cyclone, partially modified gulf air was pulled north into eastern Nebraska and western Iowa allowing for instability to develop. As the cold front interacted with the instability isolated to scattered thunderstorms develop. Although the majority of these thunderstorms remain non-severe a few severe wind and hail reports were observed during the late afternoon and evening.

GAGE COUNTY --- 2.1 NW LANHAM [40.02, -96.91]

04/26/16 16:35 CST	0	Hail (2.00 in)
04/26/16 16:35 CST	0	Source: Public

SALINE COUNTY --- 2.6 SW DE WITT [40.37, -96.95]

04/26/16 16:45 CST	0	Hail (1.00 in)
04/26/16 16:45 CST	0	Source: Public

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RICHARDSON COUNTY --- FALLS CITY [40.07, -95.60]				
	04/26/16 17:14 CST	0		Thunderstorm Wind (MG 53 kt)
	04/26/16 17:14 CST	0		Source: ASOS
<p>A strong storm system moved into the central Plains on Tuesday April 26th. Thunderstorms developed during the afternoon ahead of this system. Most of the severe weather was confined to areas to the south and west of eastern Nebraska, a couple of thunderstorms were strong to severe over southeast Nebraska during the afternoon with large hail and strong wind gusts.</p>				
SAUNDERS COUNTY --- 0.5 E CEDAR BLUFFS [41.40, -96.61]				
	04/27/16 12:50 CST	0		Hail (0.88 in)
	04/27/16 12:50 CST	0		Source: Amateur Radio
SAUNDERS COUNTY --- 3.6 WSW CEDAR BLUFFS [41.39, -96.69], 3.6 W CEDAR BLUFFS [41.39, -96.69]				
	04/27/16 13:10 CST	0		Tornado (EF0, L: 0.18 mi , W: 25 yd)
	04/27/16 13:11 CST	0		Source: Emergency Manager
<p>Emergency management provided pictures of a very brief tornado touchdown in an open field. No damage was observed.</p>				
CASS COUNTY --- 1.4 N CEDAR CREEK [41.05, -96.10]				
	04/27/16 13:18 CST	0		Hail (0.88 in)
	04/27/16 13:18 CST	0		Source: Trained Spotter
RICHARDSON COUNTY --- 3.5 N RULO [40.10, -95.43], 0.3 NE RULO [40.05, -95.43], 2.2 SSE RULO [40.02, -95.41], 2.0 NNE RULO [40.08, -95.41], 3.3 NNE RULO [40.10, -95.41]				
	04/27/16 13:37 CST	0		Flood (due to Heavy Rain)
	04/29/16 10:15 CST	0		Source: River/Stream Gage
<p>Heavy rain events on the 20th into the 21st created minor flooding on the Missouri River. The river crested 0.54 feet above flood stage at Rulo in southeast Nebraska.</p>				
DOUGLAS COUNTY --- 0.8 W VALLEY [41.32, -96.37]				
	04/27/16 13:39 CST	0		Hail (1.25 in)
	04/27/16 13:44 CST	0		Source: Official NWS Observations
<p>Hail fell at the National Weather Service office.</p>				
DOUGLAS COUNTY --- 1.3 WNW VALLEY [41.33, -96.37]				
	04/27/16 13:47 CST	0		Hail (1.00 in)
	04/27/16 13:47 CST	0		Source: Trained Spotter
DOUGLAS COUNTY --- 2.3 NNW VALLEY [41.35, -96.37]				
	04/27/16 13:48 CST	0		Hail (1.75 in)
	04/27/16 13:48 CST	0		Source: Amateur Radio
CASS COUNTY --- 0.9 SE PLATTSMOUTH [41.01, -95.89]				
	04/27/16 14:06 CST	0		Thunderstorm Wind (EG 52 kt)
	04/27/16 14:06 CST	0		Source: Broadcast Media
<p>The broadcast media reported winds to near 60 mph.</p>				
SARPY COUNTY --- 2.1 NW RICHFIELD [41.14, -96.11]				
	04/27/16 14:06 CST	0		Hail (0.75 in)
	04/27/16 14:06 CST	0		Source: Trained Spotter
DOUGLAS COUNTY --- 2.2 WSW MILLARD [41.21, -96.16]				
	04/27/16 14:08 CST	0		Hail (0.75 in)
	04/27/16 14:08 CST	0		Source: Trained Spotter
CASS COUNTY --- 0.9 SE PLATTSMOUTH [41.01, -95.89]				

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	04/27/16 14:11 CST		0	Hail (1.00 in)
	04/27/16 14:11 CST		0	Source: Trained Spotter

DOUGLAS COUNTY --- 2.8 N VALLEY [41.36, -96.35]

	04/27/16 14:15 CST		0	Hail (1.50 in)
	04/27/16 14:15 CST		0	Source: Broadcast Media

WASHINGTON COUNTY --- 0.9 SE ARLINGTON [41.44, -96.36]

	04/27/16 14:31 CST		0	Hail (1.50 in)
	04/27/16 14:31 CST		0	Source: Broadcast Media

DOUGLAS COUNTY --- 0.6 ENE BOYS TOWN [41.27, -96.12], 1.1 NNE BOYS TOWN [41.28, -96.12]

	04/27/16 14:43 CST		0	Tornado (EF1, L: 0.66 mi , W: 50 yd)
	04/27/16 14:47 CST		0	Source: NWS Storm Survey

This tornado started on 132nd Street and traveled north northeast crossing Blondo Street just east of 132nd Street where EF1 damage occurred due to a tree being uprooted. Other tree and fence damage was noted along this section of path. After crossing Blondo Street the tornado turned more north northwest crossing 132nd Street a Ekskine Street. The tornado continued north into the South Ridge subdivision producing mainly try damage before dissipating just before the Eagle Run subdivision.

SARPY COUNTY --- 0.9 SE AVERY [41.16, -95.92]

	04/27/16 14:45 CST		0	Thunderstorm Wind (EG 52 kt)
	04/27/16 14:45 CST		0	Source: Public

The gusts were estimated up to 60 mph.

DOUGLAS COUNTY --- 2.2 N BOYS TOWN [41.30, -96.13], 2.3 N BOYS TOWN [41.30, -96.13]

	04/27/16 14:52 CST		0	Tornado (EF0, L: 0.02 mi , W: 25 yd)
	04/27/16 14:53 CST		0	Source: NWS Storm Survey

A brief tornado touchdown was observed by storm chasers near the Alice Buffett Magnet Middle School . The storm survey team found little damage in the area.

DOUGLAS COUNTY --- 3.5 SSE BENNINGTON [41.32, -96.15], 3.3 SSE BENNINGTON [41.32, -96.15]

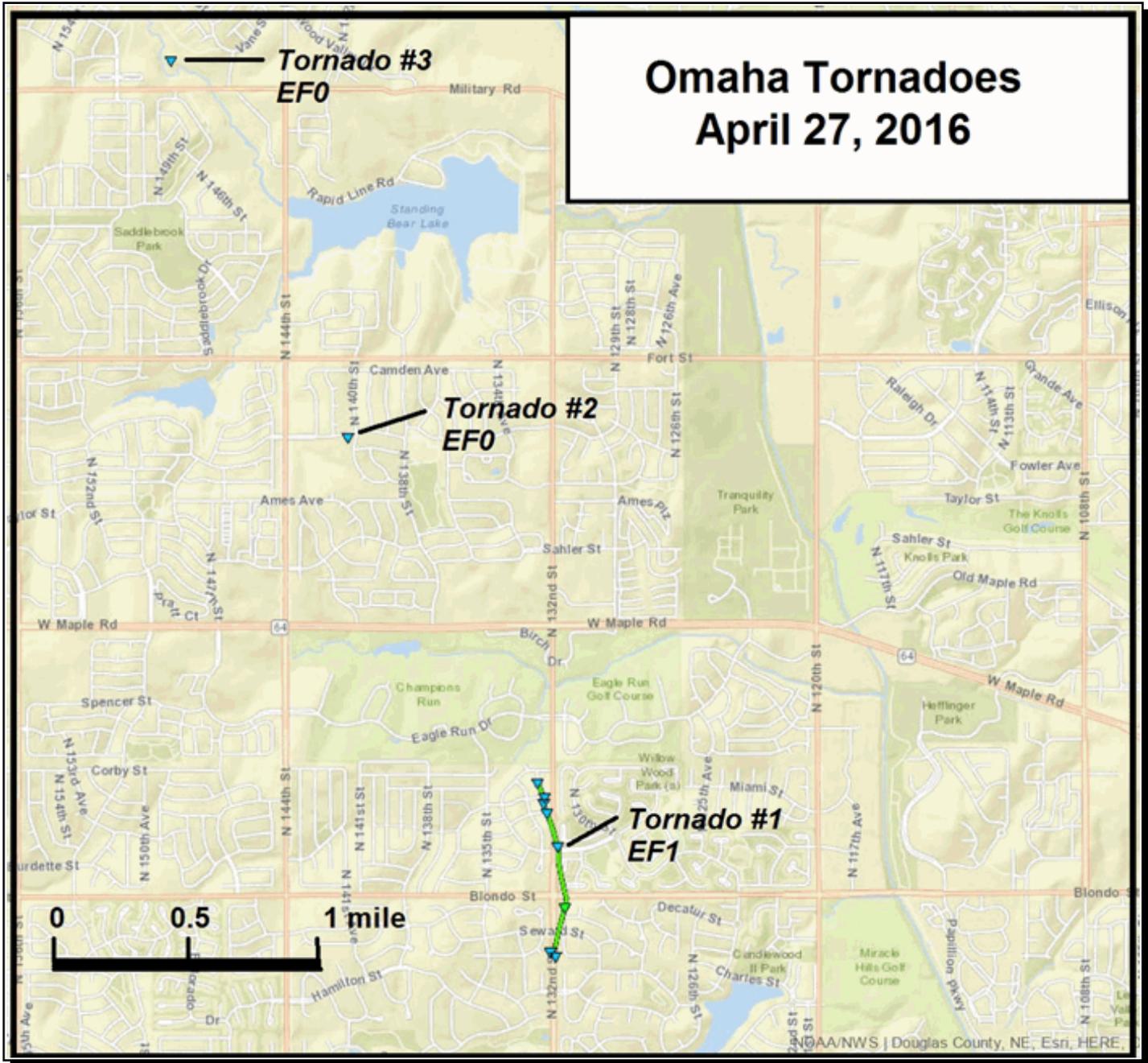
	04/27/16 14:53 CST		0	Tornado (EF0, L: 0.18 mi , W: 25 yd)
	04/27/16 14:55 CST		0	Source: NWS Storm Survey

A tornado touched down in a retention pond in the Waterford Subdivision . The tornado was observed by several storm chasers in the area. The damage survey team found little damage in the area.

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Map of the Omaha Tornadoes of June 27, 2016

RICHARDSON COUNTY --- 1.6 SE RULO [40.03, -95.41], 2.2 NNE RULO [40.08, -95.41], 0.5 NNE RULO [40.06, -95.43], 0.5 ESE RULO [40.05, -95.42], 1.6 SE RULO [40.03, -95.41]

04/30/16 10:30 CST	0	Flood (due to Heavy Rain)
04/30/16 23:59 CST	0	Source: River/Stream Gage

Minor flooding was observed along the Missouri River near Rulo. The river rose above flood stage at the end of April, but the flooding continued into early May when the crest was observed.

NEMAHA COUNTY --- 3.2 N BROWNVILLE [40.45, -95.66], 2.1 S BROWNVILLE [40.37, -95.64], 1.9 S BROWNVILLE [40.37, -95.65], 0.5 WNW BROWNVILLE [40.40, -95.66], 3.4 NNW BROWNVILLE [40.45, -95.67]

04/30/16 12:45 CST	0	Flood (due to Heavy Rain)
04/30/16 23:59 CST	0	Source: River/Stream Gage

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Minor flooding was observed along the Missouri River near Brownville. The flooding continued into early May when the crest was observed.

Two heavy rain events, one of the 20th through 21st, and the second on the 27th allowed for significant rises on the Missouri River and minor flooding over southeast Nebraska that started at the end of April and continued into early May.