

Storm Data and Unusual Weather Phenomena - April 2009

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

(IA-Z043) MONONA, (IA-Z055) HARRISON

04/05/09 00:30 CST	0	Winter Storm
04/05/09 13:00 CST	0	

Intense low pressure that tracked along the Kansas and Nebraska border and then across northern Missouri brought areas of heavy wet snow to parts of western Iowa during the nighttime hours of April 4th and 5th. The snow was accompanied by north winds of 25 to 35 mph with gusts to 45 mph. Since the snow across this area was quite wet due to surface temperatures around 32 or 33 degrees...the poorest visibilities were mainly confined to when the heaviest snow was falling. Heavier snow totals from the storm included 10 inches in Tekamah Nebraska and around 8 inches near Little Sioux Iowa.

MONTGOMERY COUNTY --- 1.3 ESE WALES [41.11, -95.31]

04/24/09 17:55 CST	0	Hail (1.00 in)
04/24/09 17:55 CST	0	Source: Public

Hail up to 1 inch in diameter covered the ground.

A narrow line of thunderstorms, a few severe, developed along a slow-moving cold front that pushed across eastern Nebraska and southwest Iowa on April 24th. Initially warm mid level temperatures suppressed the activity through late afternoon, but eventually thunderstorms developed, generally south through east of Lincoln and Omaha.

POTTAWATTAMIE COUNTY --- 2.8 N TREYNOR [41.27, -95.61]

04/26/09 08:25 CST	0	Hail (1.00 in)
04/26/09 08:25 CST	0	Source: Public

POTTAWATTAMIE COUNTY --- 4.7 ESE MACEDONIA [41.17, -95.35]

04/26/09 13:15 CST	0	Thunderstorm Wind (EG 52 kt)
04/26/09 13:15 CST	0	Source: Public

Thunderstorm wind gusts estimated at 60 mph knocked a few boards off of a farm outbuilding. The winds were accompanied by pea-size hail.

POTTAWATTAMIE COUNTY --- 0.5 E TREYNOR [41.23, -95.61]

04/26/09 14:18 CST	0	Thunderstorm Wind (EG 52 kt)
04/26/09 14:18 CST	0	Source: Trained Spotter

A thunderstorm wind gust estimated at 60 mph was reported by a spotter near Treynor.

MONTGOMERY COUNTY --- 0.9 SE RED OAK [41.01, -95.22]

04/26/09 15:40 CST	0	Thunderstorm Wind (EG 55 kt)
04/26/09 15:40 CST	0	Source: Trained Spotter

Thunderstorm wind gusts estimated at over 60 mph downed a tree, the trunk of which was 18 inches in diameter. Several large branches were also downed.

A cold front that touched off isolated severe thunderstorms on April 24th and early on the 25th stalled over northeast Kansas and northwest Missouri on the 25th. The front then returned north as a warm front during the morning of April 26th. Temperatures south of the front climbed into the 70s with 40s and 50s prevailing to the north. This contrast, combined with an upper level disturbance, helped kick off a line of thunderstorms north of the returning warm front. The storms produced large hail as far north as the Omaha area and some damaging wind gusts in southwest Iowa east and southeast of Omaha. In addition, with the storms tracking across the same area for many hours, some heavy rain fell over far southeast Nebraska and southwest Iowa. Doppler Radar estimated and cooperative observers reported that some locations received 3 inches or more for 24 hour rainfall amounts from the storm. However, no significant flooding was reported.

NEBRASKA, East

(NE-Z011) KNOX, (NE-Z012) CEDAR, (NE-Z016) ANTELOPE, (NE-Z017) PIERCE, (NE-Z030) BOONE

04/04/09 15:00 CST	0	Blizzard
04/05/09 11:00 CST	0	

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(NE-Z033) CUMING, (NE-Z034) BURT, (NE-Z042) PLATTE, (NE-Z043) COLFAX, (NE-Z044) DODGE, (NE-Z050) BUTLER				
	04/04/09 23:00 CST		23K	Winter Storm
	04/05/09 11:00 CST		0	
<p>Intense low pressure that tracked along the Kansas and Nebraska border and then across northern Missouri brought areas of heavy snow and blizzard conditions to sections of northeast Nebraska during the late afternoon and overnight hours of April 4th and 5th. The snow was accompanied by north winds of 25 to 35 mph with gusts to 50 mph. One area of heavy snow, along with blizzard conditions, developed during the evening of April 4th from near Albion north and northeast toward the South Dakota border. A second area of a heavy wet snow developed later that evening and overnight from David City and Columbus northeast into western Iowa. Since the snow across this area was wetter due to surface temperatures around 32 or 33 degrees...the poorer visibilities were mainly confined to when the heaviest snow was falling and blowing snow did not substantially reduce visibilities after the snow decreased. Heavier snow totals from the storm included 10 inches in Tekamah, 9 inches in Neligh, 8 inches in David City and around 7 inches in Schuyler and Bloomfield.</p>				
(NE-Z092) PAWNEE				
	04/04/09 16:00 CST		0	High Wind (MAX 55 kt)
	04/04/09 17:00 CST		0	
GAGE COUNTY --- 1.3 WSW BEATRICE [40.26, -96.75]				
	04/04/09 16:05 CST		0	Hail (1.00 in)
	04/04/09 16:05 CST		0	Source: Trained Spotter
GAGE COUNTY --- 1.1 E (BIE)BEATRICE ARPT [40.30, -96.73], 2.6 NNE (BIE)BEATRICE ARPT [40.34, -96.73]				
	04/04/09 16:15 CST		0	Tornado (EF0, L: 2.46 mi , W: 75 yd)
	04/04/09 16:20 CST		0	Source: Law Enforcement
<p>A tornado caused damage to a pole shed and roof of a house south of Pickerell. Tree damage was also noted in this area.</p>				
GAGE COUNTY --- 4.7 SE CORTLAND [40.45, -96.64]				
	04/04/09 16:17 CST		0	Funnel Cloud
	04/04/09 16:17 CST		0	Source: Emergency Manager
<p>Emergency management spotted possibly two funnel clouds southeast of the the Jct of Highways 41 and 77 south of Cortland. The funnels were from the same mini-supercell thunderstorm that produced a tornado north of Beatrice.</p>				
<p>An intense upper low that tracked along the Kansas and Nebraska border and resultant surface low pressure system helped spawn a few severe thunderstorms, and even a tornado, over southeast Nebraska. The storms developed near a warm front that extended from the low into southeast Nebraska. Surface temperatures south of the warm front climbed into the 60s and 70s but dewpoint temperatures both ahead of and just behind the warm front managed to only climb into the 30s and 40s, somewhat limiting the coverage of the severe thunderstorms. This system produced blizzard conditions and areas of heavy snow from the Nebraska Sandhills into northeast Nebraska during the afternoon and overnight hours of April 4th and 5th.</p>				
OTOE COUNTY --- 3.0 SW UNADILLA [40.65, -96.31]				
	04/24/09 17:45 CST		0	Hail (1.00 in)
	04/24/09 17:45 CST		0	Source: Public
SALINE COUNTY --- 2.1 SSW TOBIAS [40.39, -97.34]				
	04/25/09 23:02 CST		0	Hail (1.50 in)
	04/25/09 23:02 CST		0	Source: Public
<p>A narrow line of thunderstorms, a few severe, developed along a slow-moving cold front that pushed across eastern Nebraska and southwest Iowa. Initially warm mid level temperatures suppressed the activity through late afternoon, but eventually thunderstorms developed, generally south through east of Lincoln and Omaha.</p>				
SARPY COUNTY --- 3.2 SSW GRETNA [41.11, -96.28], 0.8 SSE GRETNA [41.14, -96.24]				
	04/26/09 07:37 CST		0	Hail (1.00 in)
	04/26/09 07:42 CST		0	Source: Trained Spotter
<p>Hail up to 1 inch in diameter fell around and in the Gretna area for at least 5 minutes.</p>				
PAWNEE COUNTY --- 6.3 SE TABLE ROCK [40.12, -96.01]				

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	04/26/09 08:30 CST		0	Hail (1.00 in)
	04/26/09 08:30 CST		0	Source: Trained Spotter
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GAGE COUNTY --- 0.9 NW BLUE SPGS [40.14, -96.68]				
	04/26/09 10:27 CST		0	Hail (1.00 in)
	04/26/09 10:27 CST		0	Source: Trained Spotter
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GAGE COUNTY --- 2.7 WNW KRIDER [40.09, -96.80]				
	04/26/09 10:45 CST		0	Hail (1.50 in)
	04/26/09 10:45 CST		0	Source: Trained Spotter
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GAGE COUNTY --- 1.5 NNE ROCKFORD [40.27, -96.59]				
	04/26/09 11:09 CST		0	Hail (1.50 in)
	04/26/09 11:09 CST		0	Source: Trained Spotter
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JEFFERSON COUNTY --- 3.7 W ENDICOTT [40.08, -97.17]				
	04/26/09 12:13 CST		0	Hail (1.00 in)
	04/26/09 12:13 CST		0	Source: Trained Spotter
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JEFFERSON COUNTY --- 2.1 S SHEA [40.09, -97.02]				
	04/26/09 12:41 CST		0	Hail (1.00 in)
	04/26/09 12:41 CST		0	Source: Trained Spotter
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LANCASTER COUNTY --- 2.6 SE HOLLAND [40.57, -96.55]				
	04/26/09 13:13 CST		0	Hail (1.00 in)
	04/26/09 13:13 CST		0	Source: Trained Spotter
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OTOE COUNTY --- 3.0 NW UNADILLA [40.71, -96.31]				
	04/26/09 13:21 CST		0	Hail (1.00 in)
	04/26/09 13:21 CST		0	Source: Trained Spotter
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BUTLER COUNTY --- 5.2 W DWIGHT [41.08, -97.12]				
	04/26/09 14:05 CST		0	Hail (1.25 in)
	04/26/09 14:05 CST		0	Source: Trained Spotter
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RICHARDSON COUNTY --- RULO [40.05, -95.43]				
	04/26/09 15:45 CST		0	Thunderstorm Wind (EG 52 kt)
	04/26/09 15:45 CST		0	Source: Public

A thunderstorm wind gust estimated at 60 mph was reported by the public and relayed to the NWS through the county dispatch.

A cold front that touched off isolated severe thunderstorms on April 24th and early on the 25th stalled over northeast Kansas and northwest Missouri on the 25th. The front then returned north as a warm front during the morning of April 26th. Temperatures south of the front climbed into the 70s with 40s and 50s prevailing to the north. This contrast, combined with an upper level disturbance, helped kick off a line of thunderstorms north of the returning warm front. The storms produced large hail as far north as the Omaha area and some damaging wind gusts in southwest Iowa east and southeast of Omaha. In addition, with the storms tracking across the same area for many hours, some heavy rain fell over far southeast Nebraska and southwest Iowa. Doppler Radar estimated and cooperative observers reported that some locations received 3 inches or more for 24 hour rainfall amounts from the storm. However, no significant flooding was reported.