

## Storm Data and Unusual Weather Phenomena - May 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

### IOWA, Southwest

---

#### POTTAWATTAMIE COUNTY --- 1.5 SSE MINDEN [41.45, -95.54]

	05/06/09 14:58 CST	0		Hail (1.25 in)
	05/06/09 14:58 CST	0		Source: NWS Employee

---

#### POTTAWATTAMIE COUNTY --- 0.9 NE CARSON [41.24, -95.42]

	05/06/09 15:30 CST	0		Hail (1.00 in)
	05/06/09 15:30 CST	0		Source: Trained Spotter

---

#### POTTAWATTAMIE COUNTY --- 0.9 SE MACEDONIA [41.19, -95.42]

	05/06/09 15:45 CST	0		Hail (2.75 in)
	05/06/09 15:45 CST	0		Source: Broadcast Media

The public reported golf ball to baseball-size hail in Macedonia. The reported was relayed to the NWS through a local TV station.

---

#### MONTGOMERY COUNTY --- 2.3 NNE COBURG [40.95, -95.26]

	05/06/09 16:25 CST	0		Hail (1.00 in)
	05/06/09 16:25 CST	0		Source: Public

---

#### PAGE COUNTY --- 1.3 WNW NYMAN [40.89, -95.22]

	05/06/09 16:35 CST	0		Funnel Cloud
	05/06/09 16:35 CST	0		Source: Trained Spotter

An occasional funnel that formed and dissipated several times was reported by a trained spotter near Coburg.

An upper level disturbance that tracked across the northern plains pushed a wind shift across western Iowa during the late afternoon of May 6th. Temperatures ahead of the wind shift reached the lower to mid 70s with dew point temperatures in the upper 50s, while temperatures in the upper 70s and dew points in the lower 40s prevailed behind it. Modest instability ahead of the wind shift and convergence along it combined to cause isolated supercell thunderstorms to develop. Although some rotation and funnel clouds were reported from the storms, the storms primarily produced large hail.

### NEBRASKA, East

---

#### CUMING COUNTY --- WISNER [41.98, -96.93], 2.0 E WISNER [41.98, -96.89]

	05/05/09 19:22 CST	0		Hail (1.25 in)
	05/05/09 19:24 CST	0		Source: Trained Spotter

Hail up to ping pong ball size was reported in and around the Wisner area.

Modestly unstable air that was in place over eastern Nebraska during the afternoon and evening of May 5th helped fuel thunderstorm development from central into northeast Nebraska. Also aiding thunderstorm development was a weak upper level disturbance that moved across the northern plains which pushed a weak surface trough into the region.

---

#### LANCASTER COUNTY --- 1.9 WSW ARROW ARPT [40.86, -96.68]

	05/13/09 03:22 CST	0		Hail (1.00 in)
	05/13/09 03:22 CST	0		Source: Trained Spotter

Hail the size of quarters was reported near 27th and Superior Streets in north Lincoln.

---

#### OTOE COUNTY --- 2.3 SSW SYRACUSE [40.62, -96.20]

	05/13/09 03:35 CST	0		Hail (1.00 in)
	05/13/09 03:35 CST	0		Source: Public

An area of thunderstorms, a few of which produced large hail, developed along and north of a warm front over southeast Nebraska during the early morning hours of May 13th. A strong upper level disturbance that lifted across the Dakotas pushed a cold front through the area later that morning, quickly shoving most of the activity east of the region.

---

#### JEFFERSON COUNTY --- FAIRBURY [40.15, -97.17]

## Storm Data and Unusual Weather Phenomena - May 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/15/09 07:32 CST		0	Hail (0.75 in)
	05/15/09 07:32 CST		0	Source: Emergency Manager

A front that had pushed through the area a few days earlier moved north as a warm front to near the Nebraska and Kansas border during the morning of May 15th. The front caused storms to develop over southeast Nebraska and at least one storm produced hail up to 3/4 inch in diameter.

---

### KNOX COUNTY --- VERDIGRE [42.60, -98.03]

05/20/09 22:47 CST	0	Hail (0.75 in)
05/20/09 22:47 CST	0	Source: Law Enforcement

---

### KNOX COUNTY --- 1.7 ESE CENTER [42.61, -97.84]

05/20/09 23:10 CST	0	Hail (0.88 in)
05/20/09 23:10 CST	0	Source: Public

Hail up to nickel-size covered the ground east of Center.

Thunderstorms developed near and behind a cold front that pushed into northern Nebraska during the evening hours of May 21st. Isolated large hail reports were received from the storms as they moved into far northeast Nebraska.

---

### NEMAHA COUNTY --- 2.0 SE AUBURN [40.38, -95.80]

05/24/09 14:00 CST	0	Thunderstorm Wind (EG 55 kt)
05/24/09 14:00 CST	0	Source: COOP Observer

A thunderstorm downburst tore the roof off of a barn southeast of Auburn. The winds were estimated at over 60 mph.

Daytime heating combined with moderate amounts of moisture and relatively cool air aloft near a northwest moving weak upper level low helped kick off afternoon thunderstorms across southeast Nebraska. One storm produced a brief downburst causing damage near Auburn.

---

### CASS COUNTY --- WEEPING WATER [40.87, -96.13]

05/31/09 17:58 CST	0	Hail (1.00 in)
05/31/09 17:58 CST	0	Source: Emergency Manager

---

### CASS COUNTY --- 2.0 E MURRAY [40.92, -95.88]

05/31/09 18:18 CST	0	Hail (1.00 in)
05/31/09 18:28 CST	0	Source: Trained Spotter

Pea to quarter-size hail fell for around 10 minutes.

---

### CASS COUNTY --- 6.0 E MURRAY [40.92, -95.81]

05/31/09 18:44 CST	0	Hail (0.88 in)
05/31/09 18:44 CST	0	Source: Trained Spotter

Mostly pea-size but a few stones up to nickel-size.

---

### LANCASTER COUNTY --- 3.0 NW RAYMOND [40.98, -96.81]

05/31/09 22:06 CST	0	Hail (0.88 in)
05/31/09 22:06 CST	0	Source: Trained Spotter

Penny to nickel-size hail fell along with very heavy rain.

A warm front that moved across eastern Nebraska during the afternoon and evening of May 31st touched off a few severe thunderstorms in southeast Nebraska.