

Storm Data and Unusual Weather Phenomena - June 2007

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

SHELBY COUNTY --- 8.0 SSE HARLAN [41.54, -95.27]

	06/22/07 15:54 CST	0	Hail (0.75 in)
	06/22/07 15:54 CST	0	Source: Public

The hail was accompanied by 2.2 inches of rain that fell in less than 1 hour.

POTTAWATTAMIE COUNTY --- 3.9 WNW AVOCA [41.50, -95.42]

	06/22/07 16:01 CST	0	Hail (0.75 in)
	06/22/07 16:01 CST	0	Source: Public

POTTAWATTAMIE COUNTY --- AVOCA [41.48, -95.35]

	06/22/07 16:05 CST	0	Thunderstorm Wind (EG 60 kt)
	06/22/07 16:05 CST	0	Source: Law Enforcement

The Pottawattamie county dispatch reported that thunderstorm wind gusts estimated at 70 mph downed a few trees in Avoca.

POTTAWATTAMIE COUNTY --- 6.0 W HANCOCK [41.40, -95.49], 4.0 W HANCOCK [41.40, -95.45]

	06/22/07 16:50 CST	0	Thunderstorm Wind (EG 52 kt)
	06/22/07 17:02 CST	0	Source: Public

Thunderstorm winds estimated at around 60 mph were reported west of Hancock. The winds were accompanied by 1 inch hail and flattened crops in the area.

POTTAWATTAMIE COUNTY --- 6.0 W HANCOCK [41.40, -95.49]

	06/22/07 17:02 CST	0	Hail (1.00 in)
	06/22/07 17:02 CST	0	Source: Public

The hail was accompanied by thunderstorm wind gusts estimated at 60 mph which flattened corn in the area.

FREMONT COUNTY --- 5.0 S TABOR [40.83, -95.67]

	06/22/07 18:51 CST	0	Hail (1.00 in)
	06/22/07 18:51 CST	0	Source: Public

FREMONT COUNTY --- 3.0 W SIDNEY [40.75, -95.71]

	06/22/07 19:30 CST	0	Thunderstorm Wind (EG 58 kt)
	06/22/07 19:30 CST	0	Source: Law Enforcement

Thunderstorm winds estimated at between 60 and 70 mph downed several trees on Bluff Road in the area.

A weak wind shift line that slipped slowly south across eastern Nebraska and extreme western Iowa combined with outflow from a large thunderstorm complex in central Iowa to cause a broken line of thunderstorms...a few severe...to develop from east central Nebraska into west central Iowa by mid afternoon on June 22nd. The storms then sagged slowly south across the far southern sections of both states.

NEBRASKA, East

PLATTE COUNTY --- LINDSAY [41.70, -97.70], 2.0 NE (OLU)COLUMBUS ARPT [41.47, -97.30]

	06/01/07 00:00 CST	0	Flood (due to Heavy Rain)
	06/01/07 17:00 CST	0	Source: Emergency Manager

Rainfall of 2 to 3 inches fell across northern and western Platte county on Tuesday and Tuesday night May 29th and May 30th. The heavy rain caused Shell Creek to flood county roads from Lindsay to Platte Center to just northeast of Columbus. Some bridge damage was noted near Lindsay, with road damage reported from Lindsay to near Platte Center. The flooding subsided over the county by midday on June 1st.

Flooding from heavy rain in late May continued along Shell Creek through midday on June 1st. See the episode that started at 130 am CDT on May 30th for additional information.

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RICHARDSON COUNTY --- 3.0 NE BARADA [40.25, -95.54], 5.0 SE RULO [40.00, -95.36]				
	06/01/07 03:00 CST		0	Flood (due to Heavy Rain)
	06/02/07 01:45 CST		0	Source: Official NWS Observations
<p>Heavy rain over sections of Nebraska and western Iowa on May 29th and May 30th eventually worked its way down to the lower Missouri River. This caused lowland flooding along the Missouri River. The river at Rulo reached flood stage for around 5 hours from around 10 pm CDT on June 1 until 245 am on the 2nd. Flood stage is 17 feet.</p>				
NEMAHA COUNTY --- BROWNVILLE [40.40, -95.65], 8.0 SE BROWNVILLE [40.32, -95.54]				
	06/01/07 06:30 CST		0	Flood (due to Heavy Rain)
	06/02/07 01:30 CST		0	Source: Official NWS Observations
<p>Heavy rain over sections of Nebraska and western Iowa on May 29th and May 30th eventually worked its way down to the lower Missouri River. This caused lowland flooding, especially around the Brownville area. The river at Brownville first exceeded its 32 foot flood stage around 730 am CDT on June 1st. The river crested around 33.2 feet at 300 pm that afternoon and fell below flood stage around 230 am on the 2nd.</p> <p>A large upper level low pressure system that tracked from the northern Rockies into the northern plains before stalling, produced several days of heavy rain across sections of eastern Nebraska and southwest Iowa on May 29th and May 30th. This eventually caused the Missouri River to go above flood stage from around Brownville to Rulo.</p>				
CUMING COUNTY --- 5.0 S WEST PT [41.76, -96.72], 6.0 WSW WEST PT [41.80, -96.83]				
	06/03/07 15:25 CST		0	Hail (1.00 in)
	06/03/07 15:32 CST		0	Source: Trained Spotter
<p>Hail up to 1 inch in diameter was reported south through southwest of the West Point area.</p>				
DODGE COUNTY --- 2.0 NE SNYDER [41.72, -96.77]				
	06/03/07 15:47 CST		0	Hail (0.75 in)
	06/03/07 15:47 CST		0	Source: Public
<p>An upper level low pressure system that tracked into eastern Iowa from the Dakotas helped touch off isolated hail producing severe thunderstorms across eastern Nebraska around maximum heating.</p>				
CEDAR COUNTY --- LAUREL [42.43, -97.08]				
	06/04/07 14:37 CST		0	Hail (0.75 in)
	06/04/07 14:37 CST		0	Source: Trained Spotter
SAUNDERS COUNTY --- 2.6 W CEDAR BLUFFS [41.40, -96.67]				
	06/04/07 16:10 CST		0	Hail (0.88 in)
	06/04/07 16:10 CST		0	Source: Public
PIERCE COUNTY --- 4.3 NNW OSMOND [42.43, -97.61]				
	06/04/07 16:38 CST		0	Hail (1.00 in)
	06/04/07 16:38 CST		0	Source: Public
LANCASTER COUNTY --- 1.0 SW LINCOLN [40.79, -96.68]				
	06/04/07 17:28 CST		0	Hail (0.75 in)
	06/04/07 17:28 CST		0	Source: Public
<p>Hail 3/4 of an inch in diameter was reported by the public just southwest of the Lincoln area.</p> <p>A cool northwesterly upper level airflow across eastern Nebraska helped touch off isolated severe thunderstorms around maximum heating. The storms quickly diminished by early evening.</p>				
(NE-Z078) SALINE, (NE-Z088) JEFFERSON				
	06/06/07 11:35 CST		0	High Wind (MAX 55 kt)
	06/06/07 12:57 CST		0	

Strong south winds occurred across eastern Nebraska much of Wednesday June 6th. The winds were caused by an unseasonably deep low pressure system that tracked across the northern plains. Sustained winds of 30 to 35 mph were common with many gusts of 50 to 55 mph reported. The highest recorded wind reported to the NWS was a 55 knot/63 mph wind gust near Fairbury. These strong winds caused scattered tree and other damage across much of eastern Nebraska.

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SAUNDERS COUNTY --- COLON [41.30, -96.62]				
	06/22/07 15:38 CST		0	Hail (0.75 in)
	06/22/07 15:38 CST		0	Source: Trained Spotter
SEWARD COUNTY --- GARLAND [40.95, -96.98]				
	06/22/07 15:51 CST		0	Hail (0.88 in)
	06/22/07 15:51 CST		0	Source: Trained Spotter
SEWARD COUNTY --- 4.2 S GARLAND [40.89, -96.98]				
	06/22/07 16:10 CST		0	Hail (1.00 in)
	06/22/07 16:10 CST		0	Source: Public
The hail was also accompanied by very strong winds, the speed of which was unknown at the time.				
BUTLER COUNTY --- 2.1 SW DWIGHT [41.06, -97.05]				
	06/22/07 17:47 CST		0	Thunderstorm Wind (EG 52 kt)
	06/22/07 17:47 CST		0	Source: Public
Thunderstorm winds estimated at 60 mph knocked down some 2 inch in diameter tree limbs.				
SEWARD COUNTY --- 2.0 NE BEE [41.04, -97.04]				
	06/22/07 18:01 CST		0	Hail (0.75 in)
	06/22/07 18:01 CST		0	Source: Public
The hail occurred along with winds estimated at 60 mph.				
SEWARD COUNTY --- 2.0 NE BEE [41.04, -97.04]				
	06/22/07 18:01 CST		0	Thunderstorm Wind (EG 52 kt)
	06/22/07 18:01 CST		0	Source: Public
The winds were accompanied by penny size hail.				
LANCASTER COUNTY --- 4.0 E HALLAM [40.52, -96.70]				
	06/22/07 19:43 CST		0	Hail (0.75 in)
	06/22/07 19:43 CST		0	Source: Public
NEMAHA COUNTY --- 3.0 E JOHNSON [40.42, -95.94]				
	06/22/07 20:45 CST		0	Thunderstorm Wind (EG 52 kt)
	06/22/07 20:45 CST		0	Source: Trained Spotter
A spotter reported thunderstorm winds estimated at 60 mph.				
<p>A weak wind shift line that slipped slowly south across eastern Nebraska and extreme western Iowa combined with outflow from a large thunderstorm complex in central Iowa to cause a broken line of thunderstorms...a few severe...to develop across the area by mid afternoon on June 22nd. The storms then sagged slowly south across the far southern sections of both states through late evening.</p>				
NEMAHA COUNTY --- 2.0 N AUBURN [40.43, -95.83], 3.0 S AUBURN [40.36, -95.83]				
	06/27/07 11:00 CST		1K	Flash Flood (due to Heavy Rain)
	06/27/07 12:00 CST		0	Source: Law Enforcement
Heavy rain caused water to flow out of a field washing mud and corn stalk debris across Highway 75 near Auburn. Rainfall of 3.31 was reported in Auburn with 4.8 inches reported south of town.				
<p>Nearly stationary thunderstorms dropped isolated heavy rain across far southeast Nebraska during the late morning and early afternoon hours of June 27th. Rainfall of 3 inches to nearly 5 inches fell across parts of Nemaha county in a few hours time. The storms occurred north of a slow moving cold front in an area of very weak upper level winds.</p>				