

Storm Data and Unusual Weather Phenomena - May 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
IOWA, Southwest				
FREMONT COUNTY --- 2.1 SE RANDOLPH [40.85, -95.54]				
	05/03/12 01:20 CST		0	Hail (1.00 in)
	05/03/12 01:20 CST		0	Source: Trained Spotter
FREMONT COUNTY --- 3.7 E FARRAGUT [40.72, -95.40]				
	05/03/12 01:36 CST		0	Hail (1.50 in)
	05/03/12 01:36 CST		0	Source: Trained Spotter
Hail up to ping pong ball-size was reported east of Farragut.				
PAGE COUNTY --- 0.7 S SHENANDOAH [40.76, -95.37]				
	05/03/12 01:45 CST		0	Hail (0.88 in)
	05/03/12 01:45 CST		0	Source: Trained Spotter
Thunderstorms which developed near a stationary front in eastern Nebraska during the late evening of May 2nd moved into southwest Iowa during the early morning hours of May 3rd. The storms produced a few reports of large hail in southwest Iowa.				
POTTAWATTAMIE COUNTY --- 1.7 SSW LAKE MANAWA [41.20, -95.86]				
	05/06/12 04:00 CST		0	Thunderstorm Wind (EG 55 kt)
	05/06/12 04:00 CST	3	0	Source: Newspaper
Three people were injured, including a 3-year-old boy, when thunderstorm wind gusts estimated at over 60 mph downed a large tree that fell on their tent at the Lake Manawa State Park.				
MILLS COUNTY --- 2.8 S MINEOLA [41.11, -95.73]				
	05/06/12 04:22 CST		0	Thunderstorm Wind (EG 50 kt)
	05/06/12 04:22 CST		0	Source: Trained Spotter
Thunderstorm wind gusts estimated at close to 60 mph blew over a Market Sign west of Silver City.				
POTTAWATTAMIE COUNTY --- 0.5 E TREYNOR [41.23, -95.61]				
	05/06/12 04:30 CST		0	Thunderstorm Wind (EG 52 kt)
	05/06/12 04:30 CST		0	Source: Trained Spotter
Thunderstorm wind gusts were estimated at 60 mph by a spotter in Treynor. The winds were accompanied by 1/2 inch hail.				
POTTAWATTAMIE COUNTY --- 0.7 S OAKLAND [41.31, -95.40]				
	05/06/12 04:50 CST		0	Thunderstorm Wind (EG 50 kt)
	05/06/12 04:50 CST		0	Source: Trained Spotter
Thunderstorm wind gusts estimated at close to 60 mph downed some tree limbs in the Oakland area.				
A line of thunderstorms that formed on a cold front in central Nebraska during the late evening of May 5th pushed into eastern Nebraska and southwest Iowa during the predawn hours of May 6th. A segment of the line bowed out across the south parts of the Omaha Metro and raced through southwest Iowa producing areas of wind damage.				
MONONA COUNTY --- 0.5 E ONAWA [42.03, -96.09]				
	05/19/12 18:05 CST		0	Hail (1.00 in)
	05/19/12 18:05 CST		0	Source: Trained Spotter
MONONA COUNTY --- 0.9 NE ONAWA [42.04, -96.09]				
	05/19/12 18:25 CST		0	Hail (1.00 in)
	05/19/12 18:25 CST		0	Source: Law Enforcement
HARRISON COUNTY --- 0.5 E MODALE [41.62, -96.01]				
	05/19/12 19:15 CST		0	Thunderstorm Wind (EG 50 kt)
	05/19/12 19:15 CST		0	Source: COOP Observer

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Some tree limbs and a power pole were downed in the Modale area by thunderstorms winds estimated at around 60 mph. The time was estimated by radar.

HARRISON COUNTY --- 2.0 S PISGAH [41.80, -95.93]

	05/19/12 19:15 CST	0	0	Thunderstorm Wind (EG 50 kt)
	05/19/12 19:15 CST			Source: COOP Observer

Thunderstorm wind gusts estimated at around 60 mph downed 2 trees that were 20 to 30 feet tall with trunks nearly 10 inches in diameter. The time was estimated from radar.

POTTAWATTAMIE COUNTY --- 1.5 NNW LAKE MANAWA [41.24, -95.86]

	05/19/12 19:20 CST	0	0	Thunderstorm Wind (EG 60 kt)
	05/19/12 19:20 CST			Source: Amateur Radio

Thunderstorm wind gusts estimated at close to 70 mph blew some gas station signs down.

HARRISON COUNTY --- 0.7 S MISSOURI VLY [41.56, -95.90]

	05/19/12 19:21 CST	0	0	Hail (1.00 in)
	05/19/12 19:21 CST			Source: Trained Spotter

The hail was accompanied by wind gusts estimated at around 45 mph which downed a few small tree limbs.

Thunderstorms developed along and behind a cold front in eastern Nebraska during the afternoon and evening of May 19th. The storms produced areas of damaging winds and large hail as they tracked from eastern Nebraska into western Iowa.

MONONA COUNTY --- BLENCOE [41.93, -96.08]

	05/23/12 17:34 CST	0	0	Hail (1.00 in)
	05/23/12 17:34 CST			Source: Storm Chaser

MONONA COUNTY --- 4.0 S ONAWA [41.97, -96.10], 2.0 S ONAWA [42.00, -96.10]

	05/23/12 17:36 CST	0	0	Hail (1.00 in)
	05/23/12 17:45 CST			Source: Storm Chaser

Hail up to quarter-size fell south of Onawa.

MONONA COUNTY --- 1.2 NW UTE [42.06, -95.72]

	05/23/12 18:00 CST	0	0	Thunderstorm Wind (EG 55 kt)
	05/23/12 18:00 CST			Source: NWS Employee

Thunderstorm wind gusts estimated at over 60 mph downed trees and power lines near Ute.

Scattered thunderstorms, a few severe with damaging winds and large hail, developed along a slow moving cold front during the late afternoon of May 23rd. Outflow from many of the storms produced swirling dust devils that prompted several reports of tornadoes, but most if not all tornado reports this evening were such type occurrences. However, some of the storms did produce damaging winds.

NEBRASKA, East

SEWARD COUNTY --- 1.7 NW UTICA [40.90, -97.35]

	05/01/12 21:37 CST	0	0	Hail (1.25 in)
	05/01/12 21:40 CST			Source: Trained Spotter

Hail up to 1.25 inches in diameter fell in the Utica area for several minutes.

CASS COUNTY --- 2.3 SSE CEDAR CREEK [41.00, -96.08]

	05/01/12 23:44 CST	0	0	Hail (0.75 in)
	05/01/12 23:44 CST			Source: Law Enforcement

A few hailstones reached around dime-size near Highway 66 and 108th Street.

DOUGLAS COUNTY --- 0.5 W VALLEY [41.32, -96.36]

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	05/02/12 00:15 CST		0	Hail (0.75 in)
	05/02/12 00:15 CST		0	Source: Official NWS Observations
Hail up to dime-size fell at the NWS office.				
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DOUGLAS COUNTY --- 0.9 SW OMAHA [41.26, -96.01]				
	05/02/12 00:40 CST		0	Hail (0.75 in)
	05/02/12 00:40 CST		0	Source: Law Enforcement
Reported along 120th from around Dodge Street to Blondo Street.				
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DOUGLAS COUNTY --- 0.9 SW OMAHA [41.26, -96.01]				
	05/02/12 00:55 CST		0	Hail (1.00 in)
	05/02/12 00:55 CST		0	Source: COOP Observer
Hail up to quarter-size fell near 32nd and Tucker Streets. Rainfall of 1.82 was also reported from the storm.				
Thunderstorms developed along a front that moved into eastern Nebraska before stalling. Instability was high enough so that several of these storms became severe and produced large hail.				
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BOONE COUNTY --- 2.6 SE CEDAR RAPIDS [41.54, -98.12]				
	05/02/12 19:17 CST		0	Hail (1.50 in)
	05/02/12 19:18 CST		0	Source: Trained Spotter
Hail up to ping pong ball-size was reported just southeast of Cedar Rapids.				
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BOONE COUNTY --- 1.2 SW ALBION [41.69, -98.02]				
	05/02/12 19:43 CST		0	Hail (1.00 in)
	05/02/12 19:43 CST		0	Source: Public
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BOONE COUNTY --- 2.8 ESE PRIMROSE [41.61, -98.18]				
	05/02/12 20:35 CST		0	Hail (0.75 in)
	05/02/12 20:35 CST		0	Source: Law Enforcement
Hail around dime-size covered Highway 52 between Cedar Rapids and Primrose.				
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PLATTE COUNTY --- 2.8 N ROSENBERG [41.69, -97.78]				
	05/02/12 21:39 CST		0	Hail (1.00 in)
	05/02/12 21:39 CST		0	Source: Trained Spotter
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PLATTE COUNTY --- 1.7 SW LINDSAY [41.68, -97.72]				
	05/02/12 21:50 CST		0	Hail (1.00 in)
	05/02/12 21:50 CST		0	Source: Trained Spotter
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SALINE COUNTY --- 3.4 WSW FRIEND [40.63, -97.34], 1.7 W FRIEND [40.65, -97.31]				
	05/02/12 22:25 CST		0	Hail (1.75 in)
	05/02/12 22:29 CST		0	Source: Trained Spotter
Hail from quarter to golfball-size fell west through southwest of Friend. Most of the hail was quarter-size.				
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PLATTE COUNTY --- 2.9 ENE HUMPHREY [41.70, -97.45]				
	05/02/12 22:45 CST		0	Hail (1.00 in)
	05/02/12 22:45 CST		0	Source: Public
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SEWARD COUNTY --- 6.1 SSE BEAVER CROSSING [40.70, -97.22]				
	05/02/12 22:48 CST		0	Hail (1.25 in)
	05/02/12 22:48 CST		0	Source: Trained Spotter
The hail was mostly dime-size, but a few stones up to half dollar-size were observed.				
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WAYNE COUNTY --- 3.5 N CARROLL [42.33, -97.19]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/02/12 22:58 CST		0	Hail (1.00 in)
	05/02/12 22:58 CST		0	Source: Trained Spotter

Hail up to quarter-size was reported north of Carroll.

SALINE COUNTY --- 0.5 E DORCHESTER [40.65, -97.11]

	05/02/12 23:12 CST		0	Hail (0.88 in)
	05/02/12 23:12 CST		0	Source: Trained Spotter

Hail up to nickel-size was reported in Dorchester.

SALINE COUNTY --- 0.5 W CRETE [40.63, -96.96]

	05/02/12 23:26 CST		0	Thunderstorm Wind (EG 50 kt)
	05/02/12 23:26 CST		0	Source: Emergency Manager

Thunderstorm wind gusts estimated at close to 60 mph downed a few large tree limbs which blocked a few streets in Crete.

SALINE COUNTY --- 0.5 W WILBER [40.48, -96.96]

	05/02/12 23:28 CST		0	Thunderstorm Wind (EG 50 kt)
	05/02/12 23:28 CST		0	Source: Emergency Manager

Thunderstorm wind gusts estimated at around 60 mph downed a few large tree limbs onto a few streets in the Wilber area.

LANCASTER COUNTY --- 1.7 ESE WEST LINCOLN [40.82, -96.69]

	05/02/12 23:35 CST		0	Hail (0.75 in)
	05/02/12 23:35 CST		0	Source: Emergency Manager

Reported at the Lincoln Airpark.

LANCASTER COUNTY --- 1.1 E EMERALD [40.82, -96.80]

	05/02/12 23:40 CST		0	Hail (0.75 in)
	05/02/12 23:40 CST		0	Source: Emergency Manager

DODGE COUNTY --- 2.6 SW HOOPER [41.59, -96.58]

	05/03/12 00:15 CST		0	Hail (1.00 in)
	05/03/12 00:15 CST		0	Source: Public

SAUNDERS COUNTY --- 0.9 SE ASHLAND [41.04, -96.37]

	05/03/12 00:15 CST		0	Thunderstorm Wind (EG 52 kt)
	05/03/12 00:15 CST		0	Source: Trained Spotter

Thunderstorm winds were estimated at around 60 mph by spotters near Ashland.

SARPY COUNTY --- 1.5 NNE PAPILLION [41.19, -96.04]

	05/03/12 00:35 CST		0	Hail (0.75 in)
	05/03/12 00:35 CST		0	Source: Emergency Manager

In the La Vista area.

DOUGLAS COUNTY --- 0.9 SW OMAHA [41.26, -96.01]

	05/03/12 00:39 CST		0	Hail (0.75 in)
	05/03/12 00:39 CST		0	Source: Broadcast Media

Reported near 108th and Mockingbird.

For the second evening in a row, strong to severe thunderstorms developed across parts of eastern Nebraska along a nearly stationary front that had pushed into the region. Higher amounts of instability allowed for a little larger coverage in the severe weather than previous evening, and some isolated wind damage and heavier rain totals also occurred along with the large hail reports.

THURSTON COUNTY --- 3.0 E PENDER [42.12, -96.64], 6.0 E PENDER [42.12, -96.58]

	05/03/12 18:32 CST		0	Hail (1.25 in)
	05/03/12 18:47 CST		0	Source: Public

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Hail up to half dollar-size fell for around 15 minutes east of Pender from a slow moving thunderstorm which also dropped isolated very heavy rainfall.				
THURSTON COUNTY --- 2.6 ESE PENDER [42.11, -96.65]				
	05/03/12 18:47 CST	0		Heavy Rain
	05/03/12 19:47 CST	0		Source: Emergency Manager
Rainfall that doppler radar estimated approached 4 inches fell across a very small area east southeast of Pender. The heavy rain produced some field flooding which briefly flowed across a few roads.				
THURSTON COUNTY --- 0.9 SW PENDER [42.11, -96.71]				
	05/03/12 19:00 CST	0		Hail (0.75 in)
	05/03/12 19:00 CST	0		Source: Emergency Manager
CUMING COUNTY --- 7.8 NE WISNER [42.05, -96.81]				
	05/03/12 19:25 CST	0		Hail (1.00 in)
	05/03/12 19:25 CST	0		Source: Public
WASHINGTON COUNTY --- 3.6 W WASHINGTON [41.40, -96.29]				
	05/03/12 20:00 CST	0		Hail (0.75 in)
	05/03/12 20:20 CST	0		Source: Public
Hail around dime-size fell for around 20 minutes southeast of Arlington.				
WASHINGTON COUNTY --- 4.2 W WASHINGTON [41.41, -96.30]				
	05/03/12 20:00 CST	0		Hail (1.75 in)
	05/03/12 20:00 CST	0		Source: Public
Hail up to golf ball-size fell around 9 pm CDT southeast of Arlington. Hail around dime-size, however, fell until around 920 pm CDT.				
Several weak and little moving boundaries over eastern Nebraska combined with high instability and produced isolated very slow moving thunderstorms across the region. A couple of the storms dropped large hail and also produced very isolated heavy rain amounts.				
KNOX COUNTY --- 7.8 SW NIOBRARA [42.68, -98.15], 10.0 NW VERDIGRE [42.70, -98.17]				
	05/04/12 12:51 CST	0		Hail (1.75 in)
	05/04/12 13:18 CST	0		Source: Trained Spotter
Hail up to golf ball-size fell for around 20 to 30 minutes northwest of Verdigre.				
KNOX COUNTY --- 4.9 S NIOBRARA [42.68, -98.04], 8.0 NE VERDIGRE [42.68, -97.92]				
	05/04/12 13:30 CST	0		Hail (1.00 in)
	05/04/12 14:00 CST	0		Source: Public
Hail around quarter-size fell for about a half hour northeast of Verdigre from a slow moving thunderstorm.				
PLATTE COUNTY --- 2.1 SSW TARNOV [41.59, -97.53]				
	05/04/12 17:12 CST	0		Hail (1.75 in)
	05/04/12 17:12 CST	0		Source: Trained Spotter
BOONE COUNTY --- 0.9 SW PRIMROSE [41.62, -98.24]				
	05/04/12 17:18 CST	0		Hail (1.75 in)
	05/04/12 17:18 CST	0		Source: Trained Spotter
MADISON COUNTY --- NEWMAN GROVE [41.75, -97.78]				
	05/04/12 17:26 CST	0		Hail (1.75 in)
	05/04/12 17:26 CST	0		Source: Law Enforcement
COLFAX COUNTY --- 1.5 NNE ROGERS [41.49, -96.92]				
	05/04/12 18:00 CST	0		Hail (1.25 in)
	05/04/12 18:30 CST	0		Source: Public

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Hail up to half dollar-size fell for about 30 minutes just north of Rogers from a slow moving thunderstorm.

DODGE COUNTY --- 1.5 NNE FREMONT [41.47, -96.49]

	05/04/12 18:30 CST		0	Hail (1.25 in)
	05/04/12 18:40 CST		0	Source: Trained Spotter

A slow moving thunderstorm dropped hail up to half dollar-size a few miles north of Fremont for at least 10 minutes.

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

	05/04/12 19:00 CST		0	Hail (1.50 in)
	05/04/12 19:02 CST		0	Source: Trained Spotter

Hail up to ping pong ball-size fell for at least several minutes on the north side of Fremont.

WAYNE COUNTY --- 3.6 NNW WAYNE [42.28, -97.04]

	05/04/12 20:52 CST		0	Hail (1.00 in)
	05/04/12 20:52 CST		0	Source: Emergency Manager

Hail up to quarter-size covered the ground north of Wayne.

WAYNE COUNTY --- 7.8 SSW SHOLES [42.23, -97.35]

	05/04/12 21:23 CST		0	Hail (1.00 in)
	05/04/12 21:38 CST		0	Source: Public

Hail up to quarter-size fell for about 15 minutes, although most of the hail was 1/2 or smaller.

Isolated severe thunderstorms developed in northeast Nebraska during the mid afternoon of May 4th as outflow from thunderstorms over South Dakota pushed into an area that was moderately to extremely unstable. The outflow pushed south and weakened through mid evening as scattered thunderstorms continued to develop and produce large hail. Later in the evening the storms reformed north of the old outflow aided by a slightly increasing low-level jet.

DOUGLAS COUNTY --- 0.9 SW OMAHA [41.26, -96.01]

	05/06/12 03:58 CST		0	Hail (1.00 in)
	05/06/12 03:58 CST		0	Source: Trained Spotter

Hail reached around 1 inch in diameter near 60th and Blondo Streets.

DOUGLAS COUNTY --- 1.1 ESE MAY [41.20, -95.98]

	05/06/12 04:00 CST		0	Thunderstorm Wind (EG 55 kt)
	05/06/12 04:00 CST		0	Source: Fire Department/Rescue

A bowing segment of a line of thunderstorms produced areas of tree damage and power outages from the south part of Omaha into Papillion and Bellevue. In south Omaha power lines were reported downed near 42nd and Valley. The winds were measured at 77 mph at Offutt Afb in Sarpy county. A total of 10,000 homes lost power from the storm in Sarpy and southern Douglas counties.

SARPY COUNTY --- 0.9 NE PAPIILLION [41.18, -96.04], 0.4 SE (OFF)OFFUTT AFB [41.12, -95.92]

	05/06/12 04:00 CST		0	Thunderstorm Wind (MG 67 kt)
	05/06/12 04:20 CST		0	Source: AWOS

A bowing segment of a line of thunderstorms produced areas of tree damage, some structural and vehicle damage and power outages from the south part of Omaha into Papillion and Bellevue. At Offutt Afb, a thunderstorm wind gust of 77 mph was measured at 500 am CDT and some home weather equipment in the area measured gusts over 60 mph. Around 10,500 homes lost power from the storm in southern Omaha and in Sarpy county. According to the Omaha World Herald, the worst damage occurred in an area bounded roughly from 25th to 48th streets south of Highway 370, though trees were downed or damaged in many areas of Bellevue. The Bellevue Medical Center sustained outside panel damage which allowed rain water to get inside the northwest side of the structure damaging 20 rooms and forcing 5 patients to move to different rooms.

A line of thunderstorms that formed on a cold front during the late evening of May 5th in central Nebraska pushed into eastern Nebraska during the predawn hours of May 6th. A segment of the line bowed out across the south parts of the Omaha Metro and raced through southwest Iowa producing areas of wind damage.

LANCASTER COUNTY --- 2.1 NNE MALCOLM [40.93, -96.84], 0.3 E AGNEW [41.02, -96.83]

	05/19/12 17:20 CST		0	Hail (1.00 in)
	05/19/12 17:28 CST		0	Source: Emergency Manager

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Hail around 1 inch in diameter fell north of Malcolm.				
COLFAX COUNTY --- 1.5 SSE SCHUYLER [41.43, -97.06], 4.1 N SCHUYLER MUNI ARPT [41.51, -97.02]				
	05/19/12 17:22 CST	0		Hail (1.75 in)
	05/19/12 17:35 CST	0		Source: Emergency Manager
Hail up to golf ball-size fell in the Schuyler area for 10 to 15 minutes. The hail was accompanied by winds estimated at 60 mph. The hail broke windows and damaged cars and siding. The area 4 miles northeast of Schuyler was hit the hardest according to emergency management.				
COLFAX COUNTY --- 0.5 E SCHUYLER [41.45, -97.06]				
	05/19/12 17:28 CST	0		Thunderstorm Wind (EG 52 kt)
	05/19/12 17:28 CST	0		Source: Trained Spotter
Thunderstorm winds gusts estimated at 60 mph were accompanied by hail that was quarter and golf ball-size.				
BUTLER COUNTY --- 1.5 NNE LOMA [41.15, -96.96]				
	05/19/12 17:55 CST	0		Hail (1.00 in)
	05/19/12 17:55 CST	0		Source: Public
DODGE COUNTY --- NORTH BEND [41.47, -96.78]				
	05/19/12 18:00 CST	0		Hail (1.00 in)
	05/19/12 18:00 CST	0		Source: Public
SAUNDERS COUNTY --- 0.7 N CERESCO [41.06, -96.65]				
	05/19/12 18:38 CST	0		Thunderstorm Wind (EG 52 kt)
	05/19/12 18:38 CST	0		Source: Emergency Manager
Thunderstorm wind gusts estimated at 60 mph were accompanied by nickel-size hail.				
SAUNDERS COUNTY --- CERESCO [41.05, -96.65]				
	05/19/12 18:38 CST	0		Hail (0.88 in)
	05/19/12 18:38 CST	0		Source: Emergency Manager
Nickel-size hail was accompanied by thunderstorm wind gusts estimated at 60 mph.				
SAUNDERS COUNTY --- WAHOO [41.22, -96.62]				
	05/19/12 18:41 CST	0		Thunderstorm Wind (EG 61 kt)
	05/19/12 18:41 CST	0		Source: Emergency Manager
Thunderstorm wind gusts were estimated at 70 mph in the Wahoo area.				
THURSTON COUNTY --- 0.9 SW PENDER [42.11, -96.71]				
	05/19/12 18:41 CST	0		Hail (0.75 in)
	05/19/12 18:41 CST	0		Source: Emergency Manager
SAUNDERS COUNTY --- 0.5 E CEDAR BLUFFS [41.40, -96.61]				
	05/19/12 18:45 CST	0		Thunderstorm Wind (EG 50 kt)
	05/19/12 18:45 CST	0		Source: Emergency Manager
Thunderstorm winds estimated at close to 60 mph broke some 3 to 5 inch diameter tree limbs.				
SAUNDERS COUNTY --- 0.9 SE ASHLAND [41.04, -96.37]				
	05/19/12 18:53 CST	0		Thunderstorm Wind (EG 52 kt)
	05/19/12 18:53 CST	0		Source: Emergency Manager
Thunderstorm winds were estimated to have reached around 60 mph in the Ashland area.				
WASHINGTON COUNTY --- 1.7 ESE BLAIR [41.54, -96.12]				
	05/19/12 18:55 CST	0		Hail (0.88 in)
	05/19/12 18:55 CST	0		Source: Trained Spotter

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WASHINGTON COUNTY --- 1.7 WSW FT CALHOUN [41.46, -96.06]				
	05/19/12 18:55 CST		0	Thunderstorm Wind (MG 50 kt)
	05/19/12 18:55 CST		0	Source: Trained Spotter
Thunderstorm wind gusts were measured at 58 mph by home weather equipment. The winds uprooted a 6 inch diameter tree.				
WASHINGTON COUNTY --- 3.0 W BLAIR [41.55, -96.21], 1.7 ESE BLAIR [41.54, -96.12]				
	05/19/12 18:55 CST		0	Thunderstorm Wind (MG 70 kt)
	05/19/12 19:00 CST		0	Source: Trained Spotter
Home weather equipment measured a thunderstorm wind gust of 81 mph in the Blair area. The winds destroyed a horse barn and grain bin a few miles west of Blair and also damaged the siding of a home. Other outbuilding damage was noted in the area.				
JEFFERSON COUNTY --- 0.9 SW FAIRBURY [40.14, -97.18]				
	05/19/12 19:07 CST		0	Hail (0.88 in)
	05/19/12 19:07 CST		0	Source: Emergency Manager
DOUGLAS COUNTY --- 0.9 SW OMAHA [41.26, -96.01]				
	05/19/12 19:10 CST		0	Thunderstorm Wind (EG 52 kt)
	05/19/12 19:10 CST		0	Source: Fire Department/Rescue
Thunderstorm wind gusts estimated at 60 mph downed a tree near Dodge Park along 36th Street. The fallen tree downed power lines in the area.				
DOUGLAS COUNTY --- (OVN)WSFO OMAHA [41.33, -96.05]				
	05/19/12 19:11 CST		0	Hail (1.00 in)
	05/19/12 19:11 CST		0	Source: Public
The hail was reported north of I680 just north of Omaha and east of Bennington.				
CASS COUNTY --- 0.7 S CEDAR CREEK [41.02, -96.10]				
	05/19/12 20:36 CST		0	Hail (1.00 in)
	05/19/12 20:36 CST		0	Source: Trained Spotter
SARPY COUNTY --- BELLEVUE [41.12, -95.90]				
	05/19/12 20:46 CST		0	Hail (1.00 in)
	05/19/12 20:54 CST		0	Source: Public
Hail up to quarter-size was reported near 15th and Gaelic Streets and nickel-size along West 16th Avenue in Bellevue.				
Scattered thunderstorms developed along and behind a cold front during the afternoon and evening of May 19th. Several of the storms were severe producing large hail and strong winds as they tracked across the region.				
DODGE COUNTY --- 2.9 SW WEBSTER [41.57, -96.84]				
	05/23/12 16:30 CST		0	Hail (1.00 in)
	05/23/12 16:30 CST		0	Source: Public
SEWARD COUNTY --- 1.4 N UTICA [40.90, -97.33]				
	05/23/12 17:36 CST		0	Hail (1.00 in)
	05/23/12 17:36 CST		0	Source: Storm Chaser
BUTLER COUNTY --- 1.7 ENE DWIGHT [41.09, -96.99]				
	05/23/12 18:00 CST		0	Hail (1.00 in)
	05/23/12 18:00 CST		0	Source: Emergency Manager
BUTLER COUNTY --- 3.0 SSE DAVID CITY ARPT [41.19, -97.10]				
	05/23/12 18:06 CST		0	Hail (0.75 in)
	05/23/12 18:06 CST		0	Source: Emergency Manager
BUTLER COUNTY --- 1.9 SE DWIGHT [41.06, -96.99], 1.6 E DWIGHT [41.08, -96.99]				

Storm Data and Unusual Weather Phenomena - May 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/23/12 18:10 CST		0	Hail (1.50 in)
	05/23/12 18:16 CST		0	Source: Storm Chaser

Hail up to 1.5 inches in diameter fell for several minutes southeast through northeast of Dwight.

BUTLER COUNTY --- 2.6 SE DWIGHT [41.05, -96.99]

	05/23/12 18:10 CST		0	Thunderstorm Wind (EG 55 kt)
	05/23/12 18:10 CST		0	Source: Emergency Manager

Thunderstorm winds estimated at over 60 mph downed trees and power lines near county roads 21, P and U southeast of Dwight. The winds were accompanied by hail that reached up to 1.5 inches in diameter.

SAUNDERS COUNTY --- WAHOO [41.22, -96.62], 1.0 N WAHOO [41.23, -96.62]

	05/23/12 18:46 CST		0	Hail (0.88 in)
	05/23/12 18:49 CST		0	Source: Trained Spotter

The hail was accompanied by thunderstorm wind gusts which reached 68 mph at the Wahoo airport.

SAUNDERS COUNTY --- WAHOO [41.22, -96.62]

	05/23/12 18:48 CST		0	Thunderstorm Wind (MG 59 kt)
	05/23/12 18:48 CST		0	Source: AWOS

Thunderstorm wind gusts which peaked at a measured 68 mph at the Wahoo airport, were accompanied by nickel-size hail.

SAUNDERS COUNTY --- 0.9 SE ITHACA [41.16, -96.54]

	05/23/12 18:50 CST		0	Hail (0.88 in)
	05/23/12 18:50 CST		0	Source: Trained Spotter

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

	05/23/12 18:52 CST		0	Hail (0.88 in)
	05/23/12 18:52 CST		0	Source: Trained Spotter

DOUGLAS COUNTY --- 0.5 W VALLEY [41.32, -96.36]

	05/23/12 19:12 CST		0	Hail (1.75 in)
	05/23/12 19:12 CST		0	Source: Official NWS Observations

Hail up to golf ball-size fell at the NWS office just northwest of Valley. The hail was accompanied by thunderstorm wind gusts that were measured at 60 mph. Although most hailstones were an inch to an inch and half in diameter, the wind-driven hail caused vehicle damage at the office and likely at surrounding sites as well.

DOUGLAS COUNTY --- 0.5 W VALLEY [41.32, -96.36]

	05/23/12 19:13 CST		0	Thunderstorm Wind (MG 52 kt)
	05/23/12 19:13 CST		0	Source: Official NWS Observations

Thunderstorm wind gusts were measured at 60 mph at the NWS office just northwest of Valley. The winds were accompanied by hail that reached up to golf ball-size.

DOUGLAS COUNTY --- 1.0 E VALLEY [41.32, -96.33]

	05/23/12 19:21 CST		0	Hail (1.25 in)
	05/23/12 19:21 CST		0	Source: Storm Chaser

From the same storm that hit the NWS office a few minutes earlier.

PIERCE COUNTY --- 1.2 SW OSMOND [42.36, -97.60]

	05/23/12 20:47 CST		0	Hail (1.00 in)
	05/23/12 20:47 CST		0	Source: Law Enforcement

Scattered thunderstorms, a few severe with damaging winds and large hail, developed along a slow moving cold front during the late afternoon of May 23rd. The storms tracked northeast and kept developing a bit farther southeast into the evening as the front slowly pushed southeast toward Omaha and Lincoln. Later that evening and overnight, thunderstorms developed farther northwest of the front aided by an upper level disturbance and increasing low level jet. Outflow from many of the storms in the late afternoon and evening produced swirling dust devils that prompted several reports of tornadoes. However, most if not all of the tornado reports with

Storm Data and Unusual Weather Phenomena - May 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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this event were likely non-tornadic. However, some of the storms did produce damaging winds through mid evening. Later that evening and overnight the storms produced marginally severe hail and locally heavy rain.

PLATTE COUNTY --- 1.4 E ST BERNARD [41.72, -97.60], 1.7 ESE ST BERNARD [41.71, -97.60]

05/24/12 16:36 CST	0.10M	Tornado (EF2, L: 0.75 mi , W: 100 yd)
05/24/12 16:37 CST	0	Source: Emergency Manager

A brief tornado from a low-topped mini-supercell destroyed a farm house a few miles west northwest of Cornlea. The house had it's roof lifted off which caused several walls to collapse. The family in the house had seen the tornado approach and had taken cover in the basement and were uninjured.

An upper level disturbance that tracked across northern Nebraska and South Dakota during the late afternoon of May 24th caused small thunderstorm complex to track from northern Nebraska toward east central Nebraska late in the afternoon and early evening. A front had already passed through the region earlier in the day which had cleared out a lot of the moisture and instability. However, strong enough heating had allowed a partial atmospheric recovery so that by the time the storms pushed toward the region they had strengthened some. A low-topped mini-supercell thunderstorm northwest of Columbus spun up a brief tornado which destroyed a farm house near Cornlea.



Damage to a rural home northwest of Cornlea, NE that was in the direct path of a tornado. Photo by Tim Hofbauer.

CUMING COUNTY --- 1.2 NE WISNER [41.99, -96.91]

05/25/12 22:10 CST	0	Hail (1.00 in)
05/25/12 22:10 CST	0	Source: Law Enforcement

The hail was also accompanied by "very strong winds" but no speed estimate was available.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
BURT COUNTY --- 1.5 NNE LYONS [41.95, -96.47]				
	05/25/12 23:00 CST		0	Hail (1.00 in)
	05/25/12 23:00 CST		0	Source: Trained Spotter
<p>A warm front lifted into north central and far northeast Nebraska during the late afternoon of May 25th. Temperatures well into the 80s and 90s and dew point temperatures in the 60s south of the front created high instability values. Warm mid level temperatures had helped restrict the activity much of the afternoon, but eventually scattered thunderstorms developed in central Nebraska late in the afternoon. These storms eventually spread into northeast Nebraska late in the evening fed by a strong low level jet.</p>				
WAYNE COUNTY --- 4.8 S WINSIDE [42.11, -97.17]				
	05/27/12 15:57 CST		0	Hail (1.75 in)
	05/27/12 15:57 CST		0	Source: COOP Observer
<p>Hail around golf ball-size was reported by the cooperative observer west of Wayne.</p>				
ANTELOPE COUNTY --- 1.0 S ELGIN [41.97, -98.08], ELGIN [41.98, -98.08]				
	05/27/12 16:00 CST		0	Hail (1.75 in)
	05/27/12 16:09 CST		0	Source: COOP Observer
<p>Hail up to golf ball-size fell in and near the Elgin area. The wind driven hail broke windows and damaged siding in the area, and also caused vehicle and tree damage. Crops in the region were also heavily damaged. This storm also produced a tornado south of the region.</p>				
BOONE COUNTY --- 3.9 WNW CLOSTER [41.90, -97.97], 3.7 NW CLOSTER [41.92, -97.95]				
	05/27/12 16:06 CST		0	Tornado (EF0, L: 1.35 mi , W: 75 yd)
	05/27/12 16:08 CST		0	Source: Law Enforcement
<p>A brief tornado was reported south and east of Elgin by law enforcement. The tornado caused no apparent damage.</p>				
ANTELOPE COUNTY --- ELGIN [41.98, -98.08]				
	05/27/12 16:12 CST		0	Hail (2.50 in)
	05/27/12 16:17 CST		0	Source: COOP Observer
<p>Hail up to baseball-size smashed car and house windows and caused siding and roof damage as well. Winds with the thunderstorm also downed a tree east of town.</p>				
ANTELOPE COUNTY --- OAKDALE [42.07, -97.97]				
	05/27/12 16:25 CST		0	Hail (2.50 in)
	05/27/12 16:30 CST		0	Source: Emergency Manager
<p>Most of the hail was around golf ball-size, but a few were around tennis ball-size. The hail broke car and building windows and caused other siding and roof damage in the area.</p>				
PIERCE COUNTY --- 2.7 SW PIERCE [42.18, -97.57], PIERCE [42.20, -97.53]				
	05/27/12 16:37 CST		0	Hail (2.75 in)
	05/27/12 16:39 CST		0	Source: COOP Observer
<p>Hail up to baseball-size fell from the Willow Creek State Recreation area into Pierce. Several campers and vehicles were damaged.</p>				
ANTELOPE COUNTY --- 1.0 E ELGIN [41.98, -98.06], 2.4 NNE ELGIN [42.01, -98.07], 4.3 SSW OAKDALE [42.01, -98.01], 4.1 E ELGIN [41.99, -98.00]				
	05/27/12 16:42 CST		15K	Flash Flood (due to Heavy Rain)
	05/27/12 20:42 CST		0	Source: Emergency Manager
<p>Rainfall of over 4 inches fell in a few hours in the Elgin area. The heavy rain caused flash flooding over a few roads and at least one bridge east of Elgin.</p>				
BOONE COUNTY --- 0.9 SW PRIMROSE [41.62, -98.24]				
	05/27/12 16:48 CST		0	Hail (1.50 in)
	05/27/12 16:48 CST		0	Source: Law Enforcement
PIERCE COUNTY --- 1.2 NE MC LEAN [42.38, -97.46]				
	05/27/12 16:57 CST		0	Hail (2.75 in)
	05/27/12 16:57 CST		0	Source: Law Enforcement

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Hail around baseball-size was reported west of Randolph.				
BOONE COUNTY --- 4.4 SSE CLOSTER [41.82, -97.87], 3.2 SE CLOSTER [41.84, -97.86]				
	05/27/12 17:05 CST		0	Tornado (EF0, L: 1.71 mi , W: 55 yd)
	05/27/12 17:08 CST		0	Source: Public
A tornado briefly touched down in an open field south of Highway 32 northeast of Albion. The tornado caused no apparent damage.				
CEDAR COUNTY --- 1.4 W COLERIDGE [42.50, -97.23], 2.2 ENE COLERIDGE [42.51, -97.16]				
	05/27/12 17:09 CST		0	Thunderstorm Wind (EG 55 kt)
	05/27/12 17:14 CST		0	Source: Newspaper
Thunderstorm wind gusts estimated at over 60 mph flipped several center irrigation pivots and snapped some highline power poles in the Coleridge area according to the Coleridge Blade newspaper. Time was estimated from radar.				
CEDAR COUNTY --- 5.0 W COLERIDGE [42.50, -97.30]				
	05/27/12 17:09 CST		0	Hail (2.75 in)
	05/27/12 17:09 CST		0	Source: Newspaper
Hail up to baseball-size fell west of Coleridge. The hail damaged roofs and crops in the region. Time was estimated from radar.				
SEWARD COUNTY --- 4.2 S FLYING V ARPT [40.81, -97.35]				
	05/27/12 17:17 CST		0	Hail (1.75 in)
	05/27/12 17:17 CST		0	Source: Law Enforcement
Golf ball-size hail was reported along I80 near mile marker 366 south of Utica.				
CEDAR COUNTY --- 1.7 NE HARTINGTON MUNI ARPT [42.62, -97.23]				
	05/27/12 17:21 CST		0	Hail (1.00 in)
	05/27/12 17:21 CST		0	Source: Trained Spotter
SEWARD COUNTY --- GOEHNER [40.83, -97.22]				
	05/27/12 17:23 CST		3K	Thunderstorm Wind (EG 50 kt)
	05/27/12 17:23 CST		0	Source: Public
Thunderstorm wind gusts estimated at around 60 mph took the roof off of an outbuilding near Goehner. The time was estimated from radar.				
MADISON COUNTY --- 8.0 S TILDEN [41.93, -97.83], 2.0 S MEADOW GROVE [42.00, -97.73]				
	05/27/12 17:24 CST		0	Hail (1.25 in)
	05/27/12 17:30 CST		0	Source: Newspaper
Hail, the largest estimated to be around half dollar-size, caused crop damage in a path from south of Tilden to a little south of Meadow Grove. The hail was from the same supercell thunderstorm that produced a tornado a little southeast of the region. Time was estimated from radar.				
CEDAR COUNTY --- 4.0 E COLERIDGE [42.50, -97.12]				
	05/27/12 17:25 CST		0	Hail (4.50 in)
	05/27/12 17:25 CST		0	Source: Newspaper
Hail up to softball-size was reported east of Coleridge from the second of 2 supercell thunderstorms that tracked near town. The hail damaged roofs and crops in the region. Time was estimated from radar.				
MADISON COUNTY --- 8.4 NE NEWMAN GROVE [41.84, -97.67], 2.0 SSW BATTLE CREEK [41.97, -97.61]				
	05/27/12 17:30 CST		0	Hail (1.25 in)
	05/27/12 17:34 CST		0	Source: Newspaper
Hail, most of it estimated to be half dollar size or smaller, caused areas of crop damage southwest of Battle Creek. The hail was from the same supercell thunderstorm that produced a tornado near or a little south of the region. Time of damage was estimated by radar.				
MADISON COUNTY --- 8.5 W MADISON [41.83, -97.63], 7.9 W MADISON [41.85, -97.62]				
	05/27/12 17:30 CST		0	Tornado (EF0, L: 1.75 mi , W: 75 yd)
	05/27/12 17:32 CST		0	Source: Fire Department/Rescue

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A tornado was on the ground for a few minutes near Highways 121 and 32. The tornado was caught on video by a storm chaser.				
BOONE COUNTY --- 2.1 S ALBION [41.67, -98.00], 0.8 SSW ALBION [41.69, -98.00]				
	05/27/12 17:35 CST		0	Hail (1.00 in)
	05/27/12 17:39 CST		0	Source: Trained Spotter
Dime to quarter-size hail fell in the Albion area.				
BUTLER COUNTY --- ULYSSES [41.07, -97.22]				
	05/27/12 17:45 CST		0	Hail (2.50 in)
	05/27/12 17:45 CST		0	Source: Public
A few hail stones around tennis ball-size fell in the Ulysses area.				
BUTLER COUNTY --- DAVID CITY [41.25, -97.13]				
	05/27/12 17:52 CST		0	Thunderstorm Wind (EG 52 kt)
	05/27/12 17:52 CST		0	Source: NWS Employee
Thunderstorm wind gusts estimated at 60 mph flipped a trampoline several times and caused some minor tree damage in the David City area. The winds were accompanied by a few hailstones up to golf ball-size.				
BUTLER COUNTY --- DAVID CITY [41.25, -97.13]				
	05/27/12 17:52 CST		0	Hail (1.75 in)
	05/27/12 17:54 CST		0	Source: Emergency Manager
Hail up to golf ball-size but mostly 1 to 1.5 inches in diameter fell in the David City area. The hail was accompanied by winds that were estimated at 60 mph.				
MADISON COUNTY --- 7.8 NE NEWMAN GROVE [41.81, -97.66], 8.4 W MADISON [41.81, -97.63]				
	05/27/12 17:58 CST		0.15M	Thunderstorm Wind (EG 55 kt)
	05/27/12 18:03 CST		0	Source: Newspaper
Thunderstorm wind gusts estimated at over 60 mph destroyed a silo and part of a cattle barn on one farmstead about 8 miles west of Madison and a center pivot system was overturned in that area. A machine shed sustained heavy damage around 9 miles west of Madison.				
SEWARD COUNTY --- 1.7 SE KRUTZ ARPT [40.90, -97.06]				
	05/27/12 18:25 CST		0	Hail (1.25 in)
	05/27/12 18:25 CST		0	Source: Trained Spotter
SAUNDERS COUNTY --- 0.9 NE WAHOO [41.23, -96.61]				
	05/27/12 18:35 CST		0	Thunderstorm Wind (MG 50 kt)
	05/27/12 18:35 CST		0	Source: AWOS
A thunderstorm wind gust of 58 mph was measured at the Wahoo airport.				
PLATTE COUNTY --- 2.1 NE TARNOV [41.64, -97.49]				
	05/27/12 19:20 CST		0	Hail (1.00 in)
	05/27/12 19:20 CST		0	Source: Trained Spotter
WAYNE COUNTY --- 4.3 NW WAYNE [42.28, -97.07], 3.0 NW WAYNE [42.26, -97.07], 4.1 ESE CARROLL [42.26, -97.11], 3.4 E CARROLL [42.28, -97.11]				
	05/27/12 19:57 CST		0	Flash Flood (due to Heavy Rain)
	05/27/12 21:30 CST		0	Source: Trained Spotter
Rainfall of 2 to 3 inches in an hour or two caused flood waters to flow from corn fields across a few county roads northwest of Wayne. Damage was apparently minimal.				
STANTON COUNTY --- 0.4 S STANTON [41.94, -97.23], 1.1 ESE STANTON [41.95, -97.21], 1.0 E STANTON [41.95, -97.21], 0.4 NNW STANTON [41.96, -97.23]				
	05/27/12 20:22 CST		0	Flash Flood (due to Heavy Rain)
	05/27/12 22:22 CST		0	Source: Law Enforcement
Rainfall of nearly 3 inches in an hour or two caused flash flooding across a few streets in the Stanton area.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
STANTON COUNTY --- 1.2 SSW PILGER [42.00, -97.06], 1.1 S PILGER [42.00, -97.05], 0.7 S PILGER [42.01, -97.05], 0.8 SW PILGER [42.01, -97.06]				
	05/27/12 20:22 CST		0	Flash Flood (due to Heavy Rain)
	05/27/12 22:22 CST		0	Source: Law Enforcement

Rainfall of nearly 3 inches in an hour or two caused flash flooding across a few streets in Pilger.

PLATTE COUNTY --- 0.5 E COLUMBUS [41.43, -97.36], 1.1 ENE SHELDONVILLE [41.46, -97.40], 1.5 WNW (OLU)COLUMBUS ARPT [41.46, -97.36], 0.5 SE (OLU)COLUMBUS ARPT [41.44, -97.32]				
	05/27/12 20:46 CST		0	Flash Flood (due to Heavy Rain)
	05/27/12 22:46 CST		0	Source: Trained Spotter

Heavy rain of 2.5 to 3 inches in one to two hours caused flash flooding across several streets in the Columbus area. The more significant flooding was across the north part of town where at least one street had several feet of water across it which caused at least 3 cars to stall when they attempted to drive through the flood waters.

Scattered thunderstorms, including a few supercell/tornado producing storms, developed ahead of and along a cold front that pressed into eastern Nebraska during the afternoon and evening of May 27th. Temperatures ahead of the front climbed into the upper 80s to lower 90s. So even though dew point temperatures were in the 50s and lower 60s, not especially high for the season, the high temperatures, an upper level disturbance driving the front east, and deeper mid level moisture all contributed to the strength of the storms this evening. The storms also produced pockets of very heavy rainfall as they tracked repeatedly across some locations.