

Storm Data and Unusual Weather Phenomena - September 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
IOWA, Southwest				
POTTAWATTAMIE COUNTY --- 1.5 NNW LAKE MANAWA [41.24, -95.86]				
	09/01/13 02:12 CST	0		Hail (0.75 in)
	09/01/13 02:12 CST	0		Source: Trained Spotter
FREMONT COUNTY --- 19.8 NNW TABOR [41.17, -95.80]				
	09/01/13 02:30 CST	0		Thunderstorm Wind (EG 52 kt)
	09/01/13 02:30 CST	0		Source: Public
<p>Thunderstorm winds caused damage to a business, partially lifting off the roof and tossing it downstream . There was also damage to a crane and minor tree damage in the area.</p> <p>Thunderstorms developed along and behind a cold front in northeast Nebraska late in the evening of August 31. The front was driven southeast by a relatively strong upper level trough dropping out of Canada toward the Great Lakes region. Other thunderstorms developed in the early morning hours of Sept 1 west of Beatrice. High amounts of instability present allowed a few of the storms to produce isolated wind damage in southeast Nebraska and also from a line that tracked southeast along the Missouri River from northeast Nebraska. Some hail was also reported from the storms, with at least one report of dime-size hail in western Iowa.</p>				
NEBRASKA, East				
WASHINGTON COUNTY --- 1.4 S KENNARD [41.45, -96.20]				
	09/01/13 01:45 CST	0		Thunderstorm Wind (EG 65 kt)
	09/01/13 01:45 CST	0		Source: Public
<p>Thunderstorm winds estimated at around 75 mph blew an empty grain bin across a road and also destroyed at least one farm outbuilding in the region.</p>				
SARPY COUNTY --- 1.3 ENE BELLEVUE [41.13, -95.88]				
	09/01/13 02:30 CST	0		Thunderstorm Wind (EG 50 kt)
	09/01/13 02:30 CST	0		Source: Law Enforcement
<p>Thunderstorm wind gusts estimated at close to 60 mph downed a large branch which blocked a road near 32nd and Modification.</p>				
GAGE COUNTY --- 3.0 SE ODELL [40.02, -96.76]				
	09/01/13 03:18 CST	0		Thunderstorm Wind (EG 60 kt)
	09/01/13 03:18 CST	0		Source: Emergency Manager
<p>Thunderstorm wind gusts estimated at 70 mph destroyed a large machine shed which briefly blocked Highway 77. Some tree and power line damage was also reported in the region.</p>				
NEMAHA COUNTY --- 0.9 NW NEMAHA [40.34, -95.68]				
	09/01/13 04:05 CST	0		Thunderstorm Wind (EG 52 kt)
	09/01/13 04:05 CST	0		Source: Emergency Manager
<p>Thunderstorm wind gusts estimated at around 60 mph downed numerous large tree branches and limbs in the area.</p>				
RICHARDSON COUNTY --- FALLS CITY ARPT [40.07, -95.58]				
	09/01/13 04:23 CST	0		Thunderstorm Wind (MG 54 kt)
	09/01/13 04:27 CST	0		Source: ASOS
<p>The Asos at Falls City measured a thunderstorm wind gust of 62 mph.</p> <p>Thunderstorms developed along and behind a cold front in northeast Nebraska late in the evening of August 31. The front was driven southeast by a relatively strong upper level trough dropping out of Canada toward the Great Lakes region. Other thunderstorms developed in the early morning hours of Sept 1 east of Beatrice. High amounts of instability present allowed a few of the storms to produce isolated wind damage in southeast Nebraska and also from a line that tracked southeast along the Missouri River from northeast Nebraska.</p>				
GAGE COUNTY --- 4.7 ESE PICKRELL [40.35, -96.64]				

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	09/19/13 12:59 CST		0	Hail (1.25 in)
	09/19/13 12:59 CST		0	Source: Public

NEMAHA COUNTY --- 2.9 NE GLEN ROCK [40.48, -95.84]

	09/19/13 13:45 CST		0	Thunderstorm Wind (EG 57 kt)
	09/19/13 13:45 CST		0	Source: Law Enforcement

Thunderstorm wind gusts estimated at over 60 mph blew over a semi-trailer near Highways 67 and 75 with other wind strewn debris noted in the area.

NEMAHA COUNTY --- PERU [40.48, -95.73]

	09/19/13 14:00 CST		0	Thunderstorm Wind (EG 58 kt)
	09/19/13 14:00 CST		0	Source: Public

Thunderstorm wind gusts estimated at 60 to 70 mph downed trees and power lines in the area.

RICHARDSON COUNTY --- FALLS CITY [40.07, -95.60]

	09/19/13 14:05 CST		0	Thunderstorm Wind (EG 65 kt)
	09/19/13 14:05 CST		0	Source: Trained Spotter

Thunderstorm winds estimated at over 70 mph tipped over a farm outbuilding and ripped tin from buildings in the area.

A line of thunderstorms developed along a cold front that moved through eastern Nebraska and southwest Iowa during the afternoon of September 19. A few of these thunderstorms produced damaging wind gusts, and at least one storm brought large hail.

MADISON COUNTY --- 6.2 N BATTLE CREEK [42.09, -97.60]

	09/27/13 23:30 CST		0	Thunderstorm Wind (EG 65 kt)
	09/27/13 23:30 CST		0	Source: Public

The public reported that 12 healthy trees were blown down on their property. There was also a boat flipped over, as well as shingles removed from the house.

Thunderstorms developed along an advancing cold front during the late afternoon on the 27th, and moved into northeast Nebraska during the early morning on the 28th. Widespread severe weather was not observed, but an isolated area of damaging winds did occur near Battle Creek.