

Storm Data and Unusual Weather Phenomena - January 2007

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

IOWA, Southwest

(IA-Z043) MONONA, (IA-Z055) HARRISON, (IA-Z069) POTTAWATTAMIE

01/15/07 06:00 CST	0	Cold/Wind Chill
01/15/07 12:00 CST	0	

Arctic air spilled south across the area this day on top of fresh snow cover of 3 to 7 inches. Northwest winds of 10 to 20 mph and actual temperatures of zero to 9 below caused wind chill values to fall to 20 below to nearly 30 below zero.

(IA-Z043) MONONA, (IA-Z055) HARRISON, (IA-Z069) POTTAWATTAMIE, (IA-Z079) MILLS, (IA-Z080) MONTGOMERY, (IA-Z090) FREMONT, (IA-Z091) PAGE

01/20/07 17:00 CST	0	Heavy Snow
01/21/07 10:00 CST	0	

An upper level low pressure system moved out of the southwestern U.S. and dropped heavy snow over a large part of eastern Nebraska and southwest Iowa. Winds during the event were relatively light, which limited the blowing and drifting. The snow began mid to late Saturday afternoon, 1/20/07, picked up in intensity from late afternoon into early evening and then began ending south to north Sunday morning between 800 am and 1000 am. Heavier snow amounts from this storm across eastern Nebraska included...9 inches in Prague, 8 inches in Papillion, Boystown and Fairbury, 7 inches at Fremont, Gretna, Nebraska City, Raymond, Hickman, Wayne and Loretto. Across southwest Iowa heavier amounts included...6 inches in Sidney, Council Bluffs, Little Sioux, and Clarinda and between 5 and 6 at Onawa, Castana and Shenandoah.

(IA-Z043) MONONA

01/30/07 03:00 CST	0	Cold/Wind Chill
01/30/07 10:00 CST	0	

Arctic air plunged southward across western Iowa during the morning hours of January 30, 2007. This brought wind chill values to between 20 below to 25 below zero. Actual low temperatures during the morning were reported in the zero to 5 below zero range.

NEBRASKA, East

(NE-Z031) MADISON

01/08/07 23:00 CST	0	High Wind (MAX 35 kt)
01/09/07 00:30 CST	0	

A sharp cold front moved through eastern Nebraska and western Iowa and brought very gusty northwest winds to the region this night. Isolated locations reached high wind criteria.

(NE-Z017) PIERCE, (NE-Z030) BOONE

01/14/07 09:00 CST	0	Heavy Snow
01/15/07 00:00 CST	0	

A storm system that brought widespread freezing rain to the southern plains this weekend brought a prolonged period of snow to eastern Nebraska and western Iowa. Although most areas picked up between 3 and 7 inches of snow over an 18 hour or so period, a few locations received around 8 inches.

(NE-Z011) KNOX, (NE-Z012) CEDAR, (NE-Z015) THURSTON, (NE-Z016) ANTELOPE, (NE-Z017) PIERCE, (NE-Z018) WAYNE, (NE-Z030) BOONE, (NE-Z031) MADISON, (NE-Z032) STANTON, (NE-Z033) CUMING, (NE-Z034) BURT, (NE-Z042) PLATTE, (NE-Z043) COLFAX, (NE-Z044) DODGE, (NE-Z045) WASHINGTON, (NE-Z050) BUTLER, (NE-Z051) SAUNDERS, (NE-Z052) DOUGLAS, (NE-Z065) SEWARD, (NE-Z066) LANCASTER

01/15/07 02:00 CST	0	Cold/Wind Chill
01/15/07 12:00 CST	0	

Arctic air spilled south across a fresh snow cover this day, with actual temperatures dropping to around zero to 10 below by daybreak on 1/15/07. When combined with northwest winds of 10 to 20 mph, wind chill readings dropped to 20 below to nearly 30 below zero over much of the area.

The coldest wind chills were observed around 8 am and included...28 below at Norfolk, 26 below in Fremont, 25 below at Albion, 24 below in Tekamah and Columbus, 20 below in Lincoln and 19 below in Omaha.

(NE-Z012) CEDAR, (NE-Z015) THURSTON, (NE-Z018) WAYNE, (NE-Z030) BOONE, (NE-Z031) MADISON, (NE-Z032) STANTON, (NE-Z033) CUMING,

Storm Data and Unusual Weather Phenomena - January 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(NE-Z034) BURT, (NE-Z042) PLATTE, (NE-Z043) COLFAX, (NE-Z044) DODGE, (NE-Z045) WASHINGTON, (NE-Z050) BUTLER, (NE-Z051) SAUNDERS, (NE-Z052) DOUGLAS, (NE-Z053) SARPY, (NE-Z065) SEWARD, (NE-Z066) LANCASTER, (NE-Z067) CASS, (NE-Z068) OTOE, (NE-Z078) SALINE, (NE-Z088) JEFFERSON, (NE-Z092) PAWNEE, (NE-Z093) RICHARDSON				
	01/20/07 14:00 CST		0	Heavy Snow
	01/21/07 10:00 CST		0	

An upper level low pressure system moved out of the southwestern U.S. and dropped heavy snow over a large part of eastern Nebraska and southwest Iowa. Winds during the event were relatively light, which limited the blowing and drifting. The snow began mid to late Saturday afternoon, 1/20/07, picked up in intensity from late afternoon into early evening and then began ending south to north Sunday morning between 6 and 1000 am.

Heavier snow amounts from this storm across eastern Nebraska included

...9 inches in Prague, 8 inches in Papillion, Boystown, Hartington, North Bend and Fairbury, 7 inches at Fremont, Gretna, Nebraska City, Raymond, Hickman, Wayne and Loretto.

Across southwest Iowa heavier amounts included...6 inches in Sidney, Council Bluffs, Little Sioux, and Clarinda and between 5 and 6 at Onawa, Castana and Shenandoah.

(NE-Z011) KNOX, (NE-Z012) CEDAR, (NE-Z015) THURSTON, (NE-Z017) PIERCE, (NE-Z018) WAYNE, (NE-Z033) CUMING, (NE-Z034) BURT				
	01/30/07 02:00 CST		0	Cold/Wind Chill
	01/30/07 10:00 CST		0	

Arctic air plunged into eastern Nebraska and western Iowa on north winds of 15 to 25 mph. As temperatures fell to zero to 5 below during the early morning hours of January 30, 2007, wind chill readings fell to 20 below to 25 below over sections of northeast Nebraska and west central Iowa.