

Storm Data and Unusual Weather Phenomena - December 2014

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

(IA-Z043) MONONA, (IA-Z055) HARRISON, (IA-Z056) SHELBY, (IA-Z069) POTTAWATTAMIE, (IA-Z079) MILLS, (IA-Z080) MONTGOMERY, (IA-Z090) FREMONT, (IA-Z091) PAGE

	12/30/14 03:00 CST	0		Cold/Wind Chill
	12/31/14 08:00 CST	0		

Arctic high pressure building across the plains dropped low temperatures below zero across much of the area during the mornings of December 30th and 31st. When combined with north winds of 10 to 15 mph, wind chill values over the region dropped to around 20 below for several hours. Wind chill values did improve during the daytime hours on the 30th however temperatures were still very cold with readings in the single digits.

NEBRASKA, East

(NE-Z011) KNOX, (NE-Z016) ANTELOPE

	12/15/14 06:00 CST	0		Winter Storm
	12/16/14 02:00 CST	0		

(NE-Z012) CEDAR, (NE-Z017) PIERCE

	12/15/14 09:00 CST	0		Winter Weather
	12/16/14 03:00 CST	0		

A strong upper level storm system moved across Kansas and into Iowa during the day on the 15th. Although the system largely was lacking in cold air, sufficiently cold air was able to move into place to allow the rain to mix with sleet and freezing rain early in the morning on the 15th, eventually becoming all snow after sunrise. The snow continued into the afternoon on the 15th before tapering to flurries by the evening. As the surface low moved into Iowa during the evening northwest winds did increase allowing for some blowing and drifting of the new snowfall, but this was limited by the wet nature of the snowfall.

(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-Z053) SARPY, (NE-Z065) SEWARD, (NE-Z066) LANCASTER, (NE-Z078) SALINE, (NE-Z088) JEFFERSON, (NE-Z089) GAGE

	12/29/14 18:00 CST	0		Cold/Wind Chill
	12/31/14 12:00 CST	0		

Arctic high pressure building across the plains dropped low temperatures below zero across much of the area during the morning of December 23rd. When combined with north winds of 10 to 15 mph, wind chill values over the region dropped to around 20 below for several hours.