

## Storm Data and Unusual Weather Phenomena - February 2008

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

#### (IA-Z090) FREMONT

02/05/08 08:15 CST	0	Winter Storm
02/06/08 08:30 CST	0	

An intense storm system that helped spawn killer tornadoes over the Tennessee Valley brought areas of heavy snow and blowing snow to southeast Nebraska and southwest Iowa. The system tracked from the Texas panhandle to the lower great lakes region and pulled up 50 and 60 degree surface dew points into southeast Missouri and southern Illinois.

Snow from this system began around sunrise Tuesday morning February 5th and lasted until mid morning on the 6th. Around 6 inches of snow fell over much of Montgomery county, and north winds that frequently gusted over 25 mph caused significant blowing and drifting snow. Some schools across the area were closed on the 6th.

#### (IA-Z043) MONONA, (IA-Z055) HARRISON

02/20/08 02:00 CST	0	Extreme Cold/Wind Chill
02/20/08 11:00 CST	0	

#### (IA-Z056) SHELBY, (IA-Z069) POTTAWATTAMIE, (IA-Z079) MILLS, (IA-Z080) MONTGOMERY, (IA-Z090) FREMONT, (IA-Z091) PAGE

02/20/08 02:00 CST	0	Cold/Wind Chill
02/20/08 11:00 CST	0	

Arctic high pressure that surged south across eastern Nebraska and western Iowa Tuesday evening February 19th brought dangerously cold wind chill values to the region Wednesday morning February 20th. Actual temperatures dropped to 5 below to 15 below zero with the coldest across northeast Nebraska and west central Iowa. Sustained north winds of 12 to 20 mph (higher gusts were also observed) produced wind chill values that dropped into the 20 below to 30 below range over the region. Wind chill values as cold as 35 below were observed from Cedar and Wayne counties in extreme northeast Nebraska southeast into Monona and Harrison counties of west central Iowa.

### NEBRASKA, East

#### (NE-Z091) NEMAHA, (NE-Z093) RICHARDSON

02/05/08 08:30 CST	0	Winter Storm
02/06/08 10:00 CST	0	

An intense storm system that helped spawn killer tornadoes over the Tennessee Valley brought areas of heavy snow and blowing snow to southeast Nebraska and southwest Iowa. The system tracked from the Texas panhandle to the lower great lakes region and pulled up 50 and 60 degree surface dew points into southeast Missouri and southern Illinois.

Snow from this system began around sunrise Tuesday morning February 5th and lasted until mid morning on the 6th. Six to over 8 inches fell across much of Richardson and Nemaha counties, and north winds that frequently gusted over 25 mph caused significant blowing and drifting snow. Many schools across the area were closed on the 6th.

#### (NE-Z011) KNOX, (NE-Z016) ANTELOPE, (NE-Z017) PIERCE, (NE-Z030) BOONE, (NE-Z031) MADISON, (NE-Z032) STANTON, (NE-Z033) CUMING, (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-Z091) NEMAHA

02/20/08 00:00 CST	0	Cold/Wind Chill
02/20/08 11:00 CST	0	

#### (NE-Z012) CEDAR, (NE-Z015) THURSTON, (NE-Z018) WAYNE, (NE-Z034) BURT

02/20/08 00:00 CST	0	Extreme Cold/Wind Chill
02/20/08 11:00 CST	0	

Arctic high pressure that surged south across eastern Nebraska and western Iowa Tuesday evening February 19th, brought dangerously cold wind chill values to the region Wednesday morning February 20th. Actual temperatures dropped to 5 below to 15 below zero with the coldest across northeast Nebraska and west central Iowa. Sustained north winds of 12 to 20 mph (higher gusts were also observed) produced wind chill values that dropped into the 20 below to 30 below range over much of the region, with some values as cold as 35 below from Cedar and Wayne counties in northeast Nebraska southeast into Monona and Harrison counties of west central Iowa.

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The extreme cold wind chills caused the cancellation of some schools across the region.