

## Storm Data and Unusual Weather Phenomena - February 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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### NORTH DAKOTA, Central and West

(ND-Z004) BOTTINEAU, (ND-Z005) ROLETTE, (ND-Z013) PIERCE, (ND-Z023) WELLS, (ND-Z025) FOSTER

	02/10/12 02:00 CST	0		Extreme Cold/Wind Chill
	02/10/12 10:00 CST	0		

Arctic high pressure combined with existing snow cover to result in air temperatures and wind chill temperatures falling to 30 below zero and colder over far north central and parts of northeast North Dakota.

(ND-Z002) BURKE, (ND-Z003) RENVILLE, (ND-Z004) BOTTINEAU, (ND-Z005) ROLETTE, (ND-Z012) MCHENRY, (ND-Z013) PIERCE, (ND-Z023) WELLS, (ND-Z025) FOSTER

	02/11/12 00:00 CST	0		Extreme Cold/Wind Chill
	02/11/12 09:00 CST	0		

Arctic high pressure combined with existing snow cover to result in air temperatures and wind chill temperatures falling to 30 below zero and colder over far north central and parts of northeast North Dakota for the second night in a row.

(ND-Z034) MORTON, (ND-Z042) GRANT, (ND-Z045) SIOUX

	02/23/12 01:00 CST	0		Heavy Snow
	02/23/12 11:00 CST	0		

Convective snow bands associated with two mid level short wave impulses brought heavy snow to parts of south central North Dakota early in the morning of the 23rd. Near daybreak, a mesoscale convective vortex developed and brought additional heavy snow amounts to the same area. Snowfall totals ranged from two inches upwards to over one foot across parts of Morton and Grant counties.

(ND-Z002) BURKE, (ND-Z003) RENVILLE, (ND-Z004) BOTTINEAU, (ND-Z005) ROLETTE, (ND-Z010) MOUNTRAIL, (ND-Z011) WARD, (ND-Z012) MCHENRY, (ND-Z013) PIERCE, (ND-Z022) SHERIDAN, (ND-Z023) WELLS, (ND-Z025) FOSTER, (ND-Z037) STUTSMAN

	02/25/12 23:00 CST	0		Heavy Snow
	02/27/12 01:00 CST	0		

Strong low pressure originating out of the Pacific Northwest brought heavy snow and gusty winds to parts of central and eastern North Dakota from the evening of the 25th through the early morning hours of the 27th. The heaviest snow, six to nine inches, fell across north central North Dakota and into east central North Dakota. In addition to the snow, strong winds created blowing and drifting snow across much of the state.

(ND-Z034) MORTON, (ND-Z035) BURLEIGH, (ND-Z036) KIDDER, (ND-Z037) STUTSMAN, (ND-Z042) GRANT, (ND-Z045) SIOUX, (ND-Z046) EMMONS, (ND-Z047) LOGAN, (ND-Z048) LA MOURE, (ND-Z050) MCINTOSH, (ND-Z051) DICKEY

	02/28/12 20:00 CST	0		Heavy Snow
	02/29/12 12:00 CST	0		

A strong storm system which lifted out of the central Rockies and into the upper Mississippi Valley brought heavy snow to parts of south central and southeastern North Dakota from the evening of the 28th through the morning hours of the 29th. The highest snowfall totals occurred over far south central North Dakota where moderate to heavy wrap around snow fell underneath the storm system's TROWAL (Trough Of Warm Air Aloft). A storm total of eleven inches was reported near Strasburg, in Emmons County.