

## Storm Data and Unusual Weather Phenomena - December 2013

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

(ND-Z018) DUNN, (ND-Z019) MERCER, (ND-Z020) OLIVER, (ND-Z021) MCLEAN, (ND-Z022) SHERIDAN, (ND-Z023) WELLS, (ND-Z025) FOSTER, (ND-Z031) GOLDEN VALLEY, (ND-Z032) BILLINGS, (ND-Z033) STARK, (ND-Z034) MORTON, (ND-Z035) BURLEIGH, (ND-Z036) KIDDER, (ND-Z037) STUTSMAN, (ND-Z040) SLOPE, (ND-Z041) HETTINGER, (ND-Z042) GRANT, (ND-Z043) BOWMAN, (ND-Z044) ADAMS, (ND-Z045) SIOUX, (ND-Z046) EMMONS, (ND-Z047) LOGAN, (ND-Z048) LA MOURE, (ND-Z050) MCINTOSH, (ND-Z051) DICKEY	12/02/13 21:00 CST	0	0	Heavy Snow
	12/04/13 21:00 CST	0	0	

Low pressure moving across the Northern Plains brought moderate to heavy snow accumulations to the southern two thirds of western and central North Dakota. The highest snow accumulations ranged from ten inches at Rhame in southwest North Dakota, to nine inches east of Carrington in the northern James River Valley.

(ND-Z001) DIVIDE, (ND-Z002) BURKE, (ND-Z003) RENVILLE, (ND-Z004) BOTTINEAU, (ND-Z005) ROLETTE, (ND-Z009) WILLIAMS, (ND-Z010) MOUNTRAIL, (ND-Z011) WARD, (ND-Z012) MCHENRY, (ND-Z013) PIERCE, (ND-Z017) MCKENZIE, (ND-Z018) DUNN, (ND-Z019) MERCER, (ND-Z020) OLIVER, (ND-Z021) MCLEAN, (ND-Z022) SHERIDAN, (ND-Z023) WELLS, (ND-Z025) FOSTER, (ND-Z031) GOLDEN VALLEY, (ND-Z032) BILLINGS, (ND-Z033) STARK, (ND-Z034) MORTON, (ND-Z035) BURLEIGH, (ND-Z036) KIDDER, (ND-Z037) STUTSMAN, (ND-Z040) SLOPE, (ND-Z041) HETTINGER, (ND-Z042) GRANT, (ND-Z043) BOWMAN, (ND-Z044) ADAMS, (ND-Z045) SIOUX, (ND-Z046) EMMONS, (ND-Z047) LOGAN, (ND-Z048) LA MOURE, (ND-Z050) MCINTOSH, (ND-Z051) DICKEY	12/06/13 21:00 CST	0	0	Extreme Cold/Wind Chill
	12/07/13 09:00 CST	0	0	

Subzero temperatures combined with winds up to 15 miles per hour to produce wind chill temperatures as low as fifty below zero during the evening of the 6th and the morning of the 7th.

(ND-Z017) MCKENZIE, (ND-Z018) DUNN, (ND-Z031) GOLDEN VALLEY, (ND-Z032) BILLINGS, (ND-Z033) STARK, (ND-Z040) SLOPE, (ND-Z041) HETTINGER, (ND-Z042) GRANT, (ND-Z043) BOWMAN, (ND-Z044) ADAMS, (ND-Z045) SIOUX	12/09/13 16:00 CST	0	0	Blizzard
	12/09/13 23:00 CST	0	0	

Falling snow combined with northwest winds gusting to 45 miles per hour to create a blizzard during the late afternoon and evening of the 9th across southwest and into far south central North Dakota. No travel was advised by local and state officials across much of the warned area. Conditions quickly improved throughout the evening as winds subsided.

(ND-Z001) DIVIDE, (ND-Z002) BURKE, (ND-Z003) RENVILLE, (ND-Z004) BOTTINEAU, (ND-Z009) WILLIAMS, (ND-Z010) MOUNTRAIL, (ND-Z011) WARD, (ND-Z012) MCHENRY, (ND-Z013) PIERCE	12/22/13 20:00 CST	0	0	Extreme Cold/Wind Chill
	12/23/13 10:00 CST	0	0	

Temperatures in the 20s below zero combined with winds of around 10 miles per hour to produce wind chill temperatures as low as 45 below zero during the evening of the 22nd and the morning of the 23rd.

(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-Z021) MCLEAN, (ND-Z022) SHERIDAN, (ND-Z023) WELLS, (ND-Z025) FOSTER, (ND-Z037) STUTSMAN, (ND-Z048) LA MOURE, (ND-Z051) DICKEY	12/28/13 11:00 CST	0	0	Blizzard
	12/28/13 21:00 CST	0	0	

A potent Canadian storm moving south through the Northern Plains dragged a strong cold front across the region during the daytime hours of the 28th. Winds gusting to 50 miles per hour combined with falling snow and new snow accumulations of two inches to create a blizzard from the late morning across the north and into the evening across the James River Valley. Numerous no-travel advisories were issued by state and county officials as conditions deteriorated.

(ND-Z002) BURKE, (ND-Z003) RENVILLE, (ND-Z004) BOTTINEAU, (ND-Z005) ROLETTE, (ND-Z011) WARD, (ND-Z012) MCHENRY, (ND-Z013) PIERCE, (ND-Z022) SHERIDAN, (ND-Z023) WELLS, (ND-Z025) FOSTER, (ND-Z036) KIDDER, (ND-Z037) STUTSMAN, (ND-Z047) LOGAN, (ND-Z048) LA MOURE, (ND-Z050) MCINTOSH, (ND-Z051) DICKEY	12/28/13 22:00 CST	0	0	Extreme Cold/Wind Chill
	12/29/13 08:00 CST	0	0	

Subzero temperatures combined with winds to around 15 miles per hour to produce wind chill temperatures as low as 40 below zero during the evening of the 28th and the morning of the 29th.