

Storm Data and Unusual Weather Phenomena - February 2013

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

(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-Z037) STUTSMAN, (ND-Z048) LA MOURE, (ND-Z051) DICKEY	02/01/13 00:00 CST		0	Extreme Cold/Wind Chill
	02/01/13 07:00 CST		0	

Arctic high pressure building into the Northern Plains brought a prolonged period of dangerous wind chill temperatures to the area. Wind chills as low as 55 below zero were recorded.

This extreme cold event started January 30. Please see January's Storm Data.

(ND-Z001) DIVIDE, (ND-Z002) BURKE, (ND-Z003) RENVILLE, (ND-Z009) WILLIAMS, (ND-Z010) MOUNTRAIL, (ND-Z011) WARD, (ND-Z017) MCKENZIE, (ND-Z018) DUNN, (ND-Z019) MERCER, (ND-Z020) OLIVER, (ND-Z021) MCLEAN	02/02/13 13:00 CST		0	Blizzard
	02/02/13 17:45 CST		0	

Fresh snow and existing loose snow on the ground, combined with northwest winds gusting over 50 miles per hour, resulted in blizzard conditions during the afternoon of the 2nd across northwest and north central North Dakota. Farther south, temperatures above freezing early in the day limited the blowing snow, but still resulted in hazardous travel due to icy roads in the afternoon as temperatures dropped.

No travel was advised by local and state officials across northwest and north central North Dakota. In addition, Interstate 94 from Mandan to Dickinson was closed due to blowing snow and icy conditions.

(ND-Z037) STUTSMAN, (ND-Z047) LOGAN, (ND-Z048) LA MOURE, (ND-Z050) MCINTOSH, (ND-Z051) DICKEY	02/10/13 11:00 CST		0	Blizzard
	02/11/13 02:00 CST		0	

Low pressure lifting northeast across the central U.S. brought heavy snow to the James River Basin in southeast North Dakota on the 10th. Storm total snow accumulations ranged from around four inches over the western James River Basin of Logan and McIntosh counties to as much as ten inches at Oakes in Dickey County.

In addition to the snow, winds gusting to near forty miles per hour for up to twelve hours resulted in prolonged blizzard conditions. County officials issued no travel advisories, and Interstate 94 from Jamestown to Fargo was closed due to near zero visibility.

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February 10-11 Blizzard. Ellendale, ND. Photo courtesy of Dickey County Emergency Manager Charlie Russell.

(ND-Z004) BOTTINEAU, (ND-Z005) ROLETTE, (ND-Z012) MCHENRY, (ND-Z013) PIERCE, (ND-Z022) SHERIDAN, (ND-Z023) WELLS, (ND-Z025) FOSTER

02/18/13 00:00 CST	0	Blizzard
02/18/13 15:00 CST	0	

Low pressure tracking across far southern Canada brought moderate snow and strong northwest winds to North Dakota during the morning and early afternoon of February 18th. The worst conditions occurred over parts of north central North Dakota into the northern James River Basin, where one to four inches of snow combined with winds gusting to around 40 miles per hour. This resulted in blizzard conditions prompting the North Dakota Department of Transportation and the North Dakota Highway Patrol to issue no travel advisories from Rolla through Jamestown.

(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

02/19/13 02:00 CST	0	Extreme Cold/Wind Chill
02/19/13 10:00 CST	0	

Subzero temperatures combined with winds up to 15 miles per hour produced wind chill temperatures as low as fifty below zero during the morning of the 19th.