

Storm Data and Unusual Weather Phenomena - March 2013

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

(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-Z022) SHERIDAN, (ND-Z023) WELLS, (ND-Z025) FOSTER, (ND-Z037) STUTSMAN

03/03/13 23:00 CST	0	Heavy Snow
03/04/13 23:00 CST	0	

(ND-Z001) DIVIDE, (ND-Z002) BURKE, (ND-Z009) WILLIAMS, (ND-Z010) MOUNTRAIL, (ND-Z017) MCKENZIE, (ND-Z018) DUNN, (ND-Z019) MERCER, (ND-Z020) OLIVER, (ND-Z031) GOLDEN VALLEY, (ND-Z032) BILLINGS, (ND-Z033) STARK, (ND-Z034) MORTON, (ND-Z040) SLOPE, (ND-Z041) HETTINGER, (ND-Z042) GRANT, (ND-Z043) BOWMAN, (ND-Z044) ADAMS, (ND-Z045) SIOUX

03/04/13 07:00 CST	0	Blizzard
03/04/13 22:00 CST	0	

A complex winter storm impacted west and central North Dakota March 3rd into the evening of March 4th. Heavy snow fell northwest, north central, and into the northern James River Valley, while blizzard conditions developed March 4th across much of the rest of the west and south central parts of the state.

Initially the heavy snow was confined to the northwest, north central, and into Foster County, where six to twelve inches fell. The heaviest snow, one foot, was reported around Minot.

As the storm moved east, very strong northwest winds up to 55 miles per hour developed across the northwest during the afternoon of the 4th. The strong winds then continued to develop south across the remainder of western North Dakota during the afternoon and eventually into south central North Dakota during the evening hours. Wrap around snow accompanied the strong winds, with seven inches of snow reported across the far southwest, tapering off as you moved east along the South Dakota border.

The heavy snow and blizzard conditions resulted in the North Dakota Department of Transportation issuing no travel advisories for all of northern and western North Dakota at the peak of the storm. Parts of Highway 85 and Highway 50 were closed in Williams and Divide Counties due to heavy snow drifts blocking the roads.

(ND-Z010) MOUNTRAIL

03/17/13 18:00 CST	0	Heavy Snow
03/18/13 02:00 CST	0	

(ND-Z025) FOSTER, (ND-Z037) STUTSMAN, (ND-Z048) LA MOURE, (ND-Z051) DICKEY

03/18/13 06:00 CST	0	Blizzard
03/18/13 16:00 CST	0	

A storm moving out of the Rockies into the Northern Plains brought widespread snowfall amounts of one to four inches across North Dakota March 17th and 18th. An isolated six inch amount was reported at Stanley, Mountrail County.

On the back side of the storm strong northwest winds developed over western North Dakota the afternoon of the 17th, and spread into the central and east the evening of the 17th and into the morning of the 18th. Up to three inches of new snow fell and along with loose snow on the ground across the James River Valley, coupled with winds gusting at times over 45 miles per hour, resulting in a prolonged period of blizzard conditions the morning and afternoon of the 18th.

The blizzard prompted the North Dakota Department of Transportation to issue no travel advisories over eastern North Dakota during the worst of the storm on the 18th.