_ocation	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
IORTH DAKOTA, Central and	West			
ND-Z003) RENVILLE, (ND-Z004) BOT	TINEAU, (ND-Z005) ROLETTE			
	04/02/11 21:00 CST 04/03/11 17:00 CST		0 0	Heavy Snow
deep area of low pressure pushing he evening of April 2nd through the a	east across the Central Plains brough afternoon of April 3rd.	t heavy snow to p	ortions of north c	entral North Dakota from
-	ed across far south central Canada an inverted trough, and mid and upper le			
Storm total snowfall amounts of six to he Canadian border.	o ten inches were reported over northe	ern portions of Re	nville, Rolette, and	d Bottineau counties near
	R, (ND-Z021) MCLEAN, (ND-Z022) SHE DER, (ND-Z037) STUTSMAN, (ND-Z042) NTOSH. (ND-Z051) DICKEY			
,, ,, ,, ,	04/14/11 17:00 CST		0	Heavy Snow
	04/15/11 20:00 CST		0	
avel advisories due to poor visibiliti	32) BILLINGS, (ND-Z033) STARK, (ND-Z 44) ADAMS, (ND-Z045) SIOUX		ID-Z040) SLOPE, (	ND-Z041) HETTINGER, (ND-Z042)
	04/18/11 22:00 CST 04/19/11 22:30 CST		0 0	Heavy Snow
nto the Northern Plains to bring heav Storm total snow amounts ranged fro Areas east of the Missouri River expe Numerous travel advisories were issu	Attending from low pressure over the co ry snow to southwest and parts of sou om six to fifteen inches along and sout brienced more rain than snow, resulting ued by state and county officials over t	th central North I h of the Interstate g in much lower s the southwest as	94 corridor and w 94 corridor and w torm total snowfal wet and slushy roa	nd 20th. vest of the Missouri River. II. ads became icy after
sunset. Those areas that experienced	I the heavier snow had snow covered r	oaus along with	very low visibilities	s in neavy show.
(ND-Z043) BOWMAN	04/00/44 44:00 007		0	Hoove Spour
	04/22/11 11:00 CST 04/22/11 20:00 CST		0 0	Heavy Snow
	0 <del>1</del> /22/11/20.00/001		U	
s strong area of low pressure moving Dakota April 22nd.	across northern South Dakota broug	ht heavy rain and	heavy snow to we	est and central North
accumulations on grassy areas. How on the back side of the surface low c	Ited in much of the precipitation falling ever, across the elevated terrain over t bincided with a much colder thermal p man County ranged from seven to twe	he southwest con rofile underneath	ner of the state st	ronger cold air advection
(ND-Z012) MCHENRY, (ND-Z017) MCK	(ND-Z003) RENVILLE, (ND-Z004) BOT ENZIE, (ND-Z018) DUNN, (ND-Z019) M BLLINGS, (ND-Z033) STARK, (ND-Z	ERCER, (ND-Z020	) OLIVER, (ND-Z02	21) MCLEAN, (ND-Z022) SHERIDAN,
HETTINGER, (ND-Z042) GRANT, (ND-				

04/30/11 02:00 CST	1	3.44M
04/30/11 23:59 CST	1	0

Blizzard

## Storm Data and Unusual Weather Phenomena - April 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details				
Direct Fatalities: M49VE								
(ND-Z023) WELLS, (ND-Z036) KIDDER, (ND-Z037) STUTSMAN, (ND-Z045) SIOUX, (ND-Z046) EMMONS, (ND-Z047) LOGAN, (ND-Z048) LA MOURE, (ND-Z050) MCINTOSH, (ND-Z051) DICKEY								
	04/30/11 13:00 CST		0	High Wind (MAX 52 kt)				
	04/30/11 23:00 CST		0					

A powerful late spring storm system swept across the Northern Plains region April 29th into May 1st. Significant amounts of moisture was drawn into the storm from the Gulf of Mexico, leading to heavy amounts of precipitation over west and central North Dakota. Strong cold air advection on the back side of the surface low resulted in a changeover from rain to freezing rain and eventually to heavy wet snow from west to east during this event.

In addition, a tight pressure gradient and strong pressure rises on the back side of the surface low resulted in the development of very strong winds ranging from 40 to 60 mph across much of the region. Some reporting stations observed peak wind gusts in excess of 75 mph.

Parts of western and north central North Dakota were hit the hardest, experiencing a prolonged period of very strong winds, freezing precipitation, and the heaviest snow of up to 14 inches. Impacts here were extreme and devastating, as the ice and heavy wet snow combined with the strong winds to knock down numerous trees and power lines, resulting in the loss of power to thousands, as well as stranding many motorists. Across the southwest and central impacts were less severe, however the widespread blizzard conditions still resulted in numerous road closures and travel advisories. Far south central and eastern North Dakota received very little snowfall but still experienced the high winds.

A preliminary damage assessment by state officials documented an estimated 6.5 million dollars in damages, leading the North Dakota Governor to issue a State Disaster Declaration. Over 1,500 power transmission structures were damaged, and estimated livestock losses were more than 1,000. Also, one direct fatality and one direct injury were attributed to the storm near New England in Hettinger County, where a two-vehicle head on crash occurred due to low visibilities in the blizzard.

See also storm data entries for May 2011.