

Storm Data and Unusual Weather Phenomena - March 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

NORTH DAKOTA, Central and West

RENVILLE (ND-Z003), BOTTINEAU (ND-Z004), ROLETTE (ND-Z005), WARD (ND-Z011), MCHENRY (ND-Z012), PIERCE (ND-Z013), SHERIDAN (ND-Z022), WELLS (ND-Z023), FOSTER (ND-Z025), KIDDER (ND-Z036), STUTSMAN (ND-Z037), LOGAN (ND-Z047), LA MOURE (ND-Z048), MCINTOSH (ND-Z050), DICKEY (ND-Z051)

03/01/07 00:00 CST	0	Winter Storm
03/01/07 04:00 CST	0	

A low pressure system ejecting out of the Northern Rockies and into Wisconsin, continued to bring snow across portions of central North Dakota from late Tuesday night of February 27th through Thursday morning of March 1st. (See Storm Data entries for February). In addition to the heavy snow, light freezing rain and sleet also fell early Thursday morning over the eastern counties of the Bismarck County Warning Area (CWA).

RENVILLE (ND-Z003), BOTTINEAU (ND-Z004), ROLETTE (ND-Z005), WARD (ND-Z011), MCHENRY (ND-Z012), PIERCE (ND-Z013), MCLEAN (ND-Z021), SHERIDAN (ND-Z022), WELLS (ND-Z023), FOSTER (ND-Z025), BURLEIGH (ND-Z035), KIDDER (ND-Z036), STUTSMAN (ND-Z037), EMMONS (ND-Z046), LOGAN (ND-Z047), LA MOURE (ND-Z048), MCINTOSH (ND-Z050), DICKEY (ND-Z051)

03/02/07 06:00 CST	15K	Blizzard
03/02/07 21:00 CST	0	

The winter storm system that brought heavy snow to West and Central North Dakota Wednesday February 28th (See Storm Data entries for February) through early Thursday March 1st, intensified as it moved towards and into Wisconsin later Thursday and Friday March 2nd. In addition to additional light snow accumulations (1 to 3 inches), strong northwest winds developed early Friday morning, and continued into Friday evening.

Winds of 30 to 45 mph were recorded across central North Dakota for much of Friday. These winds, in combination with recent snowfall of 5 to 12 inches, created widespread areas of significant blowing and drifting snow with near zero visibilities. Conditions were much worse in the open country than they were within urban areas, as numerous rural roadways became impassable due to large snow drifts. As a result, no travel was advised for much of central North Dakota, along with several highways being closed including Interstate 94 from Bismarck to Fargo.

MCLEAN COUNTY

0.5 E MAX	03/28/07 21:20 CST	0	Hail (1.00 in)
	03/28/07 21:23 CST	0	47.82N, 101.29W

An isolated thunderstorm produced 1 inch hail in McLean County.

BILLINGS (ND-Z032), STARK (ND-Z033), SLOPE (ND-Z040), HETTINGER (ND-Z041), BOWMAN (ND-Z043), ADAMS (ND-Z044)

03/29/07 22:00 CST	40K	Heavy Snow
03/30/07 12:00 CST	0	

An early spring storm spread a mix of freezing rain and heavy snow across southwest North Dakota Thursday night of March 29th through Friday morning of March 30th. Precipitation started out as freezing rain during Thursday evening and early Friday morning, then changed over to all snow 3 to 5 hours after the onset of precipitation. By daybreak Friday morning, 6 inches of new snow was reported across southwest North Dakota.

OLIVER (ND-Z020), MORTON (ND-Z034), BURLEIGH (ND-Z035), GRANT (ND-Z042), SIOUX (ND-Z045), EMMONS (ND-Z046)

03/30/07 04:00 CST	25K	Ice Storm
03/30/07 10:00 CST	0	

An early spring storm that brought heavy snow to southwest North Dakota, brought a mix of moderate freezing rain and light snow to south central North Dakota during the morning of Friday March 30th. Around one quarter inch of ice accumulation on roadways created very hazardous travel conditions. No travel was advised for various county, state, and federal highways as a result.