

Storm Data and Unusual Weather Phenomena - April 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
NORTH DAKOTA, Central and West				
(ND-Z004) BOTTINEAU, (ND-Z005) ROLETTE, (ND-Z012) MCHENRY, (ND-Z013) PIERCE, (ND-Z019) MERCER, (ND-Z020) OLIVER, (ND-Z021) MCLEAN, (ND-Z022) SHERIDAN, (ND-Z023) WELLS, (ND-Z025) FOSTER, (ND-Z034) MORTON, (ND-Z035) BURLEIGH, (ND-Z036) KIDDER, (ND-Z037) STUTSMAN, (ND-Z042) GRANT, (ND-Z045) SIOUX, (ND-Z046) EMMONS, (ND-Z047) LOGAN, (ND-Z048) LA MOURE, (ND-Z050) MCINTOSH, (ND-Z051) DICKEY				
	04/04/23 14:00 CST		0	Blizzard
	04/05/23 20:00 CST		0	
A Colorado low moved through the Central Plains into the Upper Midwest and deepened, resulting in widespread snow and strong winds as high as 50 mph. The combination of the winds, fresh falling snow, and a significant snowpack, led to a blizzard. The highest snow reports were 11 inches in Bottineau County and 13 inches in Stutsman County.				
GOLDEN VALLEY COUNTY --- 5.6 W TROTTERS [47.32, -104.04], 11.2 E TROTTERS [47.32, -103.68], 15.5 ESE GOLVA [46.64, -103.68], 10.6 SE GOLVA [46.64, -103.80], 15.1 SE GOLVA [46.55, -103.80], 12.8 SSW GOLVA [46.55, -104.04]				
	04/11/23 00:00 MST		0.14M	Flood (due to Heavy Rain / Snow Melt)
	04/20/23 23:59 MST		0	Source: State Official
Flooding from snow melt runoff caused significant damages to county infrastructure.				
MERCER COUNTY --- 20.9 NNW GOLDEN VLY [47.57, -102.20], 14.4 NNE ZAP [47.48, -101.83], 2.3 NW PICK CITY [47.54, -101.51], 4.8 S STANTON [47.25, -101.38], 1.4 S BEULAH [47.25, -101.78], 19.4 S BEULAH [46.99, -101.78], 20.3 S GOLDEN VLY [46.99, -102.14], 5.3 NW GOLDEN VLY [47.34, -102.14]				
	04/11/23 00:00 CST		70K	Flood (due to Heavy Rain / Snow Melt)
	04/20/23 23:59 CST		0	Source: State Official
Flooding from snow melt runoff caused significant damages to county infrastructure.				
MORTON COUNTY --- 5.6 NNW HEBRON [46.97, -102.09], 10.1 NNW MANDAN [46.97, -100.96], 6.8 SSW FT RICE [46.43, -100.64], 5.6 SSW FLASHER [46.38, -101.29], 11.7 ESE ALMONT [46.64, -101.29], 11.7 WSW ALMONT [46.64, -101.71], 8.9 SE GLEN ULLIN [46.72, -101.71], 12.8 SSW HEBRON [46.72, -102.09]				
	04/11/23 00:00 CST		0.45M	Flood (due to Heavy Rain / Snow Melt)
	04/20/23 23:59 CST		0	Source: State Official
Flooding from snow melt runoff caused significant damages to county infrastructure , which includes damage caused by an ice jam in Mandan along the Heart River.				
MOUNTRAIL COUNTY --- 13.5 NNW TAGUS [48.54, -102.00], 1.6 WNW WABEK DIFFLEY ARPT [47.86, -102.00], 9.3 SSE NEW TOWN [47.86, -102.39], 15.1 SSE NEW TOWN [47.77, -102.39], 10.4 S SANISH [47.83, -102.55], 3.6 NNE SANISH [48.03, -102.55], 12.7 SW MANITOU [48.19, -102.81], 11.2 N WHITE EARTH [48.54, -102.81]				
	04/11/23 00:00 CST		0.11M	Flood (due to Heavy Rain / Snow Melt)
	04/20/23 23:59 CST		0	Source: State Official
Flooding from snow melt runoff caused significant damages to county infrastructure.				
BURKE COUNTY --- 9.4 NNW LARSON [49.00, -102.93], 11.0 E NORTHGATE [49.00, -102.03], 10.0 E BOWBELLS [48.81, -102.03], 4.2 E BOWBELLS [48.81, -102.16], 4.2 ESE COTEAU [48.72, -102.24], 14.3 SSE COTEAU [48.55, -102.24], 5.0 WSW BATTLEVIEW [48.55, -102.88], 10.6 SSW LARSON [48.73, -102.88]				
	04/16/23 00:00 CST		30K	Flood (due to Heavy Rain / Snow Melt)
	04/30/23 23:59 CST		0	Source: State Official
Flooding from snow melt runoff caused significant damages to county infrastructure.				
DICKEY COUNTY --- 13.2 WNW MERRICOURT [46.28, -99.00], 6.7 ENE GLOVER [46.28, -98.01], 7.1 SE LUDDEN [45.94, -98.01], 10.6 W FORBES [45.94, -99.00]				
	04/16/23 00:00 CST		50K	Flood (due to Heavy Rain / Snow Melt)
	04/30/23 23:59 CST		0	Source: State Official
Flooding from snow melt runoff caused significant damages to county infrastructure.				
DUNN COUNTY --- 25.3 NW KILLDEER [47.67, -103.08], 21.7 NNE KILLDEER [47.67, -102.63], 16.1 NNE HALLIDAY [47.57, -102.22], 9.2 SE MARSHALL [47.02, -102.22], 6.7 WNW NEW HRADEC [47.02, -103.02], 12.0 WSW KILLDEER [47.33, -103.02], 14.8 W KILLDEER [47.33, -103.08]				

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	04/16/23 00:00 MST		0.54M	Flood (due to Heavy Rain / Snow Melt)
	04/30/23 23:59 MST		0	Source: State Official

Flooding from snow melt runoff caused significant damages to county infrastructure.

FOSTER COUNTY --- 5.8 WNW BARLOW [47.59, -99.27], 4.3 E MC HENRY [47.59, -98.51], 8.1 SSE GLENFIELD [47.34, -98.51], 9.4 SW CARRINGTON ARPT [47.34, -99.27]

	04/16/23 00:00 CST		10K	Flood (due to Heavy Rain / Snow Melt)
	04/30/23 23:59 CST		0	Source: State Official

Flooding from snow melt runoff caused significant damages to county infrastructure.

HETTINGER COUNTY --- 7.4 NE NEW ENGLAND ARPT [46.63, -102.92], 18.5 NNE BURT [46.63, -102.06], 3.5 S BENTLEY [46.28, -102.06], 4.8 SE BENTLEY [46.28, -102.00], 8.9 SSE BENTLEY [46.21, -102.00], 12.9 SW MOTT MUNI ARPT [46.21, -102.50], 9.9 WSW MOTT MUNI ARPT [46.28, -102.50], 17.6 S NEW ENGLAND [46.28, -102.92]

	04/16/23 00:00 MST		20K	Flood (due to Heavy Rain / Snow Melt)
	04/30/23 23:59 MST		0	Source: State Official

Flooding from snow melt runoff caused significant damages to county infrastructure.

LA MOURE COUNTY --- 2.5 NW ALFRED [46.63, -99.03], 13.9 E MARION [46.63, -98.04], 6.4 SSE VERONA [46.28, -98.04], 16.9 WSW EDGELEY [46.28, -99.03]

	04/16/23 00:00 CST		0.10M	Flood (due to Heavy Rain / Snow Melt)
	04/30/23 23:59 CST		0	Source: State Official

Flooding from snow melt runoff caused significant damages to county infrastructure.

MCHENRY COUNTY --- 15.0 WNW UPHAM [48.63, -101.04], 12.5 NE BANTRY [48.63, -100.41], 9.1 ENE BANTRY [48.54, -100.41], 12.1 NNW BERWICK [48.54, -100.31], 2.1 S ANAMOOSE [47.85, -100.23], 6.5 W KONGSBERG [47.85, -100.94]

	04/16/23 00:00 CST		0.14M	Flood (due to Heavy Rain / Snow Melt)
	04/30/23 23:59 CST		0	Source: State Official

Flooding from snow melt runoff caused significant damages to county infrastructure.

ROLETTE COUNTY --- 5.1 NW MYLO [48.68, -99.69], 3.6 NNW MYLO [48.68, -99.63], 2.0 NW MYLO [48.65, -99.63], 3.9 WNW MYLO [48.65, -99.68]

	04/16/23 00:00 CST	1	20K	Flood (due to Heavy Rain / Snow Melt)
	04/16/23 18:00 CST		0	Source: Law Enforcement

During the morning hours of April 16, a flood death (direct) occurred as a 54 year old female was driving along ND Highway 66 near the intersection of 47th Avenue NE, to the northwest of Mylo. The road was covered with water and ice due to snow melt flooding, and temperatures below freezing. The driver lost control of the vehicle, which went into the north ditch, rolled and overturned onto its roof in the flooded ditch. The driver died (direct).

Direct Fatalities: F54VE

STUTSMAN COUNTY --- 15.0 NW WOODWORTH [47.33, -99.48], 8.7 NNE COURTENAY [47.33, -98.48], 3.6 NNE SPIRITWOOD [46.98, -98.48], 4.2 NE SPIRITWOOD [46.98, -98.45], 7.4 SE MONTPELIER [46.64, -98.45], 4.8 W STREETER [46.64, -99.45], 9.9 NW MEDINA [46.98, -99.45], 10.9 NW MEDINA [46.98, -99.48]

	04/16/23 00:00 CST		40K	Flood (due to Heavy Rain / Snow Melt)
	04/30/23 23:59 CST		0	Source: State Official

Flooding from snow melt runoff caused significant damages to county infrastructure.

WARD COUNTY --- 4.3 SSE DONNYBROOK [48.46, -101.85], 2.0 ENE WOLSETH [48.46, -101.08], 15.4 S SAWYER [47.86, -101.00], 7.7 S MAKOTI [47.86, -101.83]

	04/16/23 00:00 CST		90K	Flood (due to Heavy Rain / Snow Melt)
	04/30/23 23:59 CST		0	Source: State Official

Flooding from snow melt runoff caused significant damages to county infrastructure.

WELLS COUNTY --- 7.4 WNW HARVEY ARPT [47.85, -100.07], 7.5 NNE BREMEN [47.85, -99.31], 6.2 SSE BREMEN [47.67, -99.31], 6.9 SE BREMEN [47.67, -99.28], 10.1 SSE SYKESTON [47.34, -99.28], 9.4 SW HURDSFIELD [47.34, -100.02], 8.9 SW HARVEY [47.67, -100.02], 10.5 SW HARVEY [47.67, -100.07]

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	04/30/23 23:59 CST		0	Source: State Official

Flooding from snow melt runoff caused significant damages to county infrastructure.

The spring snow melt of 2023 saw many areas of flooding over North Dakota due to a record deep snow pack and relatively fast melt. Multiple counties experienced infrastructure damage due to the flooding. In addition, during the morning hours of April 16, a flood death (direct) occurred as a 54 year old female was driving a 2004 Ford Escape along ND Highway 66 near the intersection of 47th Avenue NE, to the northwest of Mylo, Rolette County. The road was covered with water and ice due to snow melt flooding, and temperatures below freezing. The driver lost control of the vehicle, which went into the north ditch, rolled and overturned onto its roof in the flooded ditch. The driver died (direct).

(ND-Z001) DIVIDE

04/19/23 03:00 CST	0	Heavy Snow
04/20/23 00:00 CST	0	

A low pressure system gradually lifted through the Northern Plains, bringing snow to northwest North Dakota. Over most locations the snow melted rather quickly and had trouble accumulating, but heavy accumulations of eight inches occurred over Divide County.