

## Storm Data and Unusual Weather Phenomena - November 2022

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

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(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-Z018) DUNN, (ND-Z019) MERCER, (ND-Z020) OLIVER, (ND-Z021) MCLEAN, (ND-Z022) SHERIDAN, (ND-Z023) WELLS, (ND-Z025) FOSTER, (ND-Z031) GOLDEN VALLEY, (ND-Z032) BILLINGS, (ND-Z033) STARK, (ND-Z034) MORTON, (ND-Z035) BURLEIGH, (ND-Z036) KIDDER, (ND-Z037) STUTSMAN, (ND-Z040) SLOPE, (ND-Z041) HETTINGER, (ND-Z042) GRANT, (ND-Z043) BOWMAN, (ND-Z044) ADAMS, (ND-Z045) SIOUX, (ND-Z046) EMMONS, (ND-Z047) LOGAN, (ND-Z048) LA MOURE, (ND-Z050) MCINTOSH, (ND-Z051) DICKEY

11/05/22 19:00 CST	1	75K	High Wind (MAX 58 kt)
11/06/22 17:00 CST	1	0	

Direct Fatalities: F64VE

A deep low pressure system moved from southern Saskatchewan through southern Manitoba producing a strong pressure gradient over western and central North Dakota. This led to high winds developing. The strongest reported wind gust was 67 mph near Denhoff in Sheridan County. One direct death and one direct injury occurred in Lamoure County with this high wind episode. Along Highway 281 ten miles north of Edgeley at 9:07 AM CST on November 6, a pickup truck was northbound pulling an empty enclosed trailer. The trailer was flipped by the high winds and detached, causing the pickup truck to rotate left into the southbound lane, into the path of a semi-truck that was attempting to pass the pickup truck. The pickup truck was struck and subsequently overturned. The driver of the pickup truck was seriously injured, and the passenger died.

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(ND-Z051) DICKEY

11/09/22 21:00 CST		0.23M	Ice Storm
11/10/22 18:00 CST		0	

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(ND-Z005) ROLETTE, (ND-Z009) WILLIAMS, (ND-Z010) MOUNTRAIL, (ND-Z011) WARD, (ND-Z012) MCHENRY, (ND-Z013) PIERCE, (ND-Z017) MCKENZIE, (ND-Z018) DUNN, (ND-Z019) MERCER, (ND-Z020) OLIVER, (ND-Z021) MCLEAN, (ND-Z031) GOLDEN VALLEY, (ND-Z032) BILLINGS, (ND-Z033) STARK, (ND-Z040) SLOPE, (ND-Z041) HETTINGER, (ND-Z043) BOWMAN, (ND-Z044) ADAMS

11/10/22 00:00 CST		0	Heavy Snow
11/10/22 21:00 CST		0	

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(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

11/10/22 06:00 CST		0	Blizzard
11/10/22 20:00 CST		0	

A Colorado low lifted into the Northern Plains and Upper Midwest. Although the system was not very slow moving, it was a very dynamic system which produced very high snowfall rates of nearly three inches per hour in some locations. Many locations over southwest into central North Dakota received over one foot of snow, with the heaviest snowfall of around two feet falling over south central North Dakota in the Bismarck and Mandan areas. Strong winds combined with the snow over south central North Dakota into much of the James River Valley to produce blizzard conditions. Over Dickey County, warmer air aloft resulted in an extended period of freezing drizzle and freezing rain resulting in significant ice accumulations, especially over the eastern portion of the county. This led to damage to power infrastructure, and power outages to over 150 meters.