

Storm Data and Unusual Weather Phenomena - March 2021

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

(ND-Z003) RENVILLE, (ND-Z009) WILLIAMS, (ND-Z010) MOUNTRAIL, (ND-Z011) WARD, (ND-Z012) MCHENRY, (ND-Z017) MCKENZIE, (ND-Z021) MCLEAN, (ND-Z022) SHERIDAN

03/16/21 12:00 CST	0	Drought
03/31/21 23:59 CST	0	

After a very wet 2019 precipitation cut off in 2020 and Western and Central North Dakota entered a drought for 2021.

(ND-Z004) BOTTINEAU, (ND-Z005) ROLETTE, (ND-Z018) DUNN, (ND-Z032) BILLINGS, (ND-Z033) STARK

03/23/21 12:00 CST	0	Drought
03/31/21 23:59 CST	0	

After a very wet 2019 precipitation cut off in 2020 and Western and Central North Dakota entered a drought for 2021. The D3 drought started in the northwest part of the state and expanded to the east and south.

(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-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

03/29/21 09:00 CST	0	High Wind (MAX 63 kt)
03/30/21 04:00 CST	0	

A deep low pressure system moved along the Canadian border as a strong cold front swept through North Dakota. This led to strong winds developing over western and central North Dakota including the James River Valley. Additionally, the mixing of stronger winds aloft down to the surface was occasionally aided by light rain and snow showers moving through, enhancing wind gusts. The strongest reported wind gust of 72 mph occurred in Divide County.