

Storm Data and Unusual Weather Phenomena - March 2020

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

(ND-Z001) DIVIDE, (ND-Z002) BURKE, (ND-Z003) RENVILLE, (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-Z034) MORTON, (ND-Z035) BURLEIGH, (ND-Z036) KIDDER, (ND-Z041) HETTINGER, (ND-Z045) SIOUX

03/01/20 08:00 CST	0	High Wind (MAX 58 kt)
03/01/20 11:00 CST	0	

Strong winds developed in the wake of a pair of cold fronts that moved through the region during the early morning hours. The winds continued through mid-morning before gradually diminishing mid-day. The strongest wind gust of 67 mph occurred in Mountrail County.

(ND-Z040) SLOPE, (ND-Z043) BOWMAN

03/03/20 13:00 CST	0	High Wind (MAX 52 kt)
03/03/20 17:00 CST	0	

Strong winds developed over far southwest North Dakota as stronger winds just above the surface mixed down in a dry lower atmosphere during the afternoon hours.

HETTINGER COUNTY --- 2.8 N BENTLEY [46.37, -102.06]

03/04/20 14:30 MST	0	Thunderstorm Wind (MG 70 kt)
03/04/20 14:33 MST	0	Source: RAWS

(ND-Z033) STARK

03/04/20 15:00 CST	0	High Wind (MAX 66 kt)
03/04/20 17:00 CST	0	

A cold front moving through the region resulted in the development of showers and a few thunderstorms, both with gusty winds. In conjunction with the ongoing winds, rain showers moving through the area led to enhancement of the wind speeds. A wind gust of 76 mph occurred at the Dickinson Airport as a rain shower moved through. One thunderstorm produced an 81 mph wind gust in Hettinger County.

GRANT COUNTY --- 12.1 NNW LARK [46.60, -101.53]

03/31/20 17:15 MST	0	Hail (1.00 in)
03/31/20 17:18 MST	0	Source: Public

GRANT COUNTY --- 9.9 N LARK [46.59, -101.36]

03/31/20 17:39 MST	0	Hail (0.75 in)
03/31/20 17:41 MST	0	Source: Trained Spotter

MORTON COUNTY --- 8.1 SE ALMONT [46.64, -101.39]

03/31/20 18:44 CST	0	Hail (1.00 in)
03/31/20 18:47 CST	0	Source: Public

A north to south orientated line of thunderstorms developed over western North Dakota, which moved easterly. A thunderstorm on the southern end of the line became severe in modest instability, producing one inch diameter hail over Grant and Morton counties.