

Storm Data and Unusual Weather Phenomena - September 2021

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-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

09/01/21 00:00 CST	0	Drought
09/30/21 23:59 CST	0	

September started with most of central and part of western North Dakota in a D3 drought, with a small part of the central and far southwest in D4. The rest of the area was designated D2. Through the month some areas received significant rain, but not the northwest. By the end of the month the only D4 designation was in Golden Valley County. Much of the west and north was D3, with the south in D2. At least some part of every county was in D2 or worse drought. Refer to the U.S. Drought Monitor for details.

MOUNTRAIL COUNTY --- 1.4 W STANLEY [48.32, -102.41]

09/02/21 04:50 CST	0	Hail (1.00 in)
09/02/21 04:53 CST	0	Source: Trained Spotter

RENVILLE COUNTY --- 6.9 W GLENBURN [48.51, -101.37]

09/02/21 06:46 CST	0	Thunderstorm Wind (EG 52 kt)
09/02/21 06:48 CST	0	Source: Public

Thunderstorm wind gusts were estimated by the public. The winds combined with small hail to strip leaves off trees.

SLOPE COUNTY --- 16.4 WNW AMIDON [46.61, -103.61]

09/02/21 08:08 MST	2K	Hail (1.00 in)
09/02/21 08:11 MST	0	Source: Public

The hail broke a skylight on a home.

Thunderstorms developed during the morning hours affiliated with a passing cold front and approaching upper level short-wave trough. A few of these storms became severe, producing one-inch diameter hail over Mountrail and Slope counties. Over Renville County, 60 mph wind gusts were reported.

HETTINGER COUNTY --- 4.4 SSW MOTT MUNI ARPT [46.29, -102.35]

09/13/21 05:00 MST	0	Hail (1.00 in)
09/13/21 05:03 MST	0	Source: Trained Spotter

Thunderstorms developed over southwest North Dakota during the early morning hours in an area of modest instability and deep layer shear. One storm became severe to the south of Mott in Hettinger County, producing one-inch diameter hail.