

## Storm Data and Unusual Weather Phenomena - October 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>NORTH DAKOTA, Central and West</b>				
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(ND-Z004) BOTTINEAU, (ND-Z005) ROLETTE, (ND-Z011) WARD, (ND-Z012) MCHENRY, (ND-Z013) PIERCE, (ND-Z018) DUNN, (ND-Z019) MERCER, (ND-Z020) OLIVER, (ND-Z021) MCLEAN, (ND-Z022) SHERIDAN, (ND-Z023) WELLS, (ND-Z025) FOSTER, (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	10/09/19 21:00 CST		0	Heavy Snow
	10/12/19 12:00 CST		0	
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(ND-Z004) BOTTINEAU, (ND-Z005) ROLETTE, (ND-Z012) MCHENRY, (ND-Z013) PIERCE, (ND-Z022) SHERIDAN, (ND-Z023) WELLS, (ND-Z025) FOSTER, (ND-Z037) STUTSMAN, (ND-Z048) LA MOURE, (ND-Z051) DICKEY	10/11/19 09:00 CST		0	Blizzard
	10/12/19 14:00 CST		0	

A very early season winter storm struck North Dakota bringing record snow amounts to portions of the James River Valley and central North Dakota. Initially, snow spread across North Dakota as a cold front and affiliated upper level trough moved through the state. Shortly thereafter, an upper level low that ejected out of the Rockies moved into far western Minnesota and stalled, bringing a prolonged period of heavy snow and blizzard conditions to much of central and eastern North Dakota. Locations with the heaviest snowfall were over the upper James River Valley into the Devils Lake Basin, where up to 30 inches of snow fell. This storm had severe agricultural impacts both during the event and during the subsequent melt as many crops were still in the fields and cattle were out in pastures. The western part of the state was impacted to a much lesser degree. The antecedent ground conditions from the record wet fall of 2019, and the snow melt water from this storm, resulted in damages that as of the writing of this report were not available to the National Weather Service. See other sources for that information.