

## Storm Data and Unusual Weather Phenomena - February 2019

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-Z031) GOLDEN VALLEY, (ND-Z032) BILLINGS, (ND-Z033) STARK, (ND-Z035) BURLEIGH

02/03/19 12:00 CST	0	Heavy Snow
02/04/19 06:00 CST	0	

Low pressure deepened and pushed through the Northern Plains as cold air poured in behind. Snow developed over North Dakota as a variety of short-wave troughs lifted through the state. The heaviest snow was primarily over northern part of North Dakota, with locations in McHenry and McKenzie counties getting around a foot of snow.

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(ND-Z048) LA MOURE, (ND-Z050) MCINTOSH, (ND-Z051) DICKEY

02/06/19 12:00 CST	0	Winter Storm
02/07/19 17:00 CST	0	

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(ND-Z051) DICKEY

02/07/19 06:00 CST	0	Blizzard
02/07/19 17:00 CST	0	

Arctic high pressure settling into the Northern Plains interacted with a surface low over the Midwest to create a tight pressure gradient over the James River Valley. A variety of short wave troughs lifting through the area led to heavy snow development. Around a foot of snow fell over parts of the southern James River Valley. This snow combined with very gusty winds to produce a blizzard over eastern Dickey County.

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(ND-Z031) GOLDEN VALLEY, (ND-Z032) BILLINGS, (ND-Z033) STARK, (ND-Z040) SLOPE, (ND-Z041) HETTINGER, (ND-Z042) GRANT, (ND-Z043) BOWMAN, (ND-Z044) ADAMS

02/16/19 11:00 CST	0	Heavy Snow
02/17/19 13:00 CST	0	

A warm front lifting slowly through the Northern Plains interacted with a strong short-wave trough ejecting off an upper level low over Alberta to produce heavy snow over southwest North Dakota. The heaviest snow of around 18 inches fell near Rhame in Bowman County.