

Storm Data and Unusual Weather Phenomena - August 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
NORTH DAKOTA, Central and West				
GOLDEN VALLEY COUNTY --- 1.2 NE BEACH [46.93, -103.98]				
	08/08/17 15:55 MST		0	Thunderstorm Wind (MG 63 kt)
	08/08/17 15:58 MST		0	Source: AWOS
LA MOURE COUNTY --- 0.8 SE LA MOURE [46.34, -98.29]				
	08/09/17 00:35 CST		0	Hail (0.75 in)
	08/09/17 00:40 CST		0	Source: Emergency Manager
<p>A short wave trough moved from eastern Montana into western North Dakota where marginal instability and shear were noted. One storm became severe over Golden Valley County in the late afternoon, where a 72 mph thunderstorm wind gust was reported at the Beach Airport. Late that night another storm became strong over LaMoure County with sub-severe hail.</p>				
BILLINGS COUNTY --- MEDORA [46.92, -103.53]				
	08/11/17 20:59 MST		0	Hail (1.00 in)
	08/11/17 21:04 MST		0	Source: Public
BILLINGS COUNTY --- 0.8 NE MEDORA [46.93, -103.52]				
	08/11/17 22:30 MST		0	Hail (0.88 in)
	08/11/17 22:33 MST		0	Source: Law Enforcement
<p>Thunderstorms formed over southwest North Dakota in an area of modest instability. One storm that passed over Billings County was a prolific producer of small hail, though did produce a few quarter-sized hailstones in Medora. This led to slushy road conditions on Interstate 94 in the Medora area.</p>				
MCINTOSH COUNTY --- 7.3 NE ASHLEY [46.11, -99.27]				
	08/12/17 13:30 CST		0	Hail (1.00 in)
	08/12/17 13:34 CST		10K	Source: Trained Spotter
Soybean crops suffered damage.				
STARK COUNTY --- 13.2 SSW SOUTH HEART [46.69, -103.09]				
	08/12/17 16:00 MST		0	Hail (2.75 in)
	08/12/17 16:04 MST		0	Source: Trained Spotter
GRANT COUNTY --- 5.7 SSW RALEIGH [46.29, -101.33]				
	08/12/17 16:08 MST		20K	Hail (2.75 in)
	08/12/17 16:12 MST		0	Source: Trained Spotter
Vehicles were dented.				
MERCER COUNTY --- 0.7 N ZAP [47.29, -101.92]				
	08/12/17 16:15 CST		0	Hail (0.75 in)
	08/12/17 16:18 CST		0	Source: Trained Spotter
ADAMS COUNTY --- 15.2 NNE BUCYRUS [46.26, -102.62]				
	08/12/17 17:00 MST		0	Hail (1.00 in)
	08/12/17 17:03 MST		0	Source: Trained Spotter
ADAMS COUNTY --- 17.7 NE BUCYRUS [46.27, -102.55]				
	08/12/17 17:00 MST		0	Hail (1.00 in)
	08/12/17 17:04 MST		0	Source: Trained Spotter
ADAMS COUNTY --- 7.9 NE HAYNES [46.04, -102.34]				
	08/12/17 17:35 MST		0	Hail (1.75 in)
	08/12/17 17:38 MST		0	Source: Trained Spotter

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A pair of upper level short wave troughs moved into southwest and south central North Dakota in the afternoon and evening hours. This led to thunderstorms developing, with some producing very large hail up to baseball size in southwest North Dakota. Many of the thunderstorms produced heavy rain.

ADAMS COUNTY --- 8.8 NNE BUCYRUS [46.19, -102.72]

	08/15/17 13:50 MST		0	Funnel Cloud
	08/15/17 13:53 MST		0	Source: Trained Spotter

A brief funnel cloud was reported.

Showers and a few thunderstorms moved through the region. One storm produced a funnel cloud over Adams County.

DIVIDE COUNTY --- 19.1 SSW NOONAN [48.63, -103.18]

	08/17/17 20:11 CST		10K	Hail (1.50 in)
	08/17/17 20:14 CST		0	Source: Public

Damage occurred to vehicles.

A short wave trough moved into an area of enhanced moisture and strong deep layer shear. Some thunderstorms became severe over northwest North Dakota, with up to ping pong ball size hail reported.

HETTINGER COUNTY --- 13.8 NNE BURT [46.56, -102.06]

	08/26/17 14:22 MST		60K	Hail (2.50 in)
	08/26/17 14:26 MST		0	Source: Law Enforcement

There was damage to vehicles and roofs.

GRANT COUNTY --- 1.4 N NEW LEIPZIG [46.39, -101.95]

	08/26/17 14:48 MST		20K	Hail (1.75 in)
	08/26/17 14:57 MST		0	Source: Trained Spotter

There was damage to vehicles and roofs.

GRANT COUNTY --- NEW LEIPZIG [46.37, -101.95]

	08/26/17 14:54 MST		50K	Hail (1.75 in)
	08/26/17 14:58 MST		0	Source: Law Enforcement

Several law enforcement vehicles were damaged by the large hail.

An upper level short wave trough approached the area in the late afternoon and early evening when enhanced instability was noted. Thunderstorms developed, with some becoming severe over southwest North Dakota. Several law enforcement vehicles were damaged by large hail in Grant County, while tennis ball sized hail was reported in Hettinger County.