

Storm Data and Unusual Weather Phenomena - August 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
NORTH DAKOTA, Central and West				
ADAMS COUNTY --- 0.5 W HETTINGER [46.00, -102.64]				
	08/03/18 20:00 MST	0		Hail (0.75 in)
	08/03/18 20:03 MST	0		Source: Emergency Manager
ADAMS COUNTY --- 0.5 W HETTINGER [46.00, -102.64]				
	08/03/18 20:08 MST	0		Hail (1.25 in)
	08/03/18 20:11 MST	0		Source: Public
BOWMAN COUNTY --- 19.3 SW RHAME [46.00, -103.88]				
	08/03/18 20:10 MST	0		Thunderstorm Wind (EG 52 kt)
	08/03/18 20:12 MST	0		Source: Trained Spotter
A trained spotter estimated thunderstorm wind gusts of 60 mph.				
GRANT COUNTY --- 13.8 N ELGIN MUNI ARPT [46.60, -101.81]				
	08/03/18 20:20 MST	0		Thunderstorm Wind (EG 61 kt)
	08/03/18 20:23 MST	0		Source: Public
The public estimated thunderstorm wind gusts of 70 mph.				
GRANT COUNTY --- 10.1 NW LARK [46.57, -101.52]				
	08/03/18 21:00 MST		25K	Hail (1.50 in)
	08/03/18 21:03 MST		20K	Source: Public
The house roof was damaged. Some tree branches were broken by the winds that accompanied the hail. Corn leaves were shredded.				
ADAMS COUNTY --- 15.8 ENE HAYNES [46.08, -102.18]				
	08/03/18 21:20 MST	0		Hail (1.00 in)
	08/03/18 21:24 MST	0		Source: Public
GRANT COUNTY --- 8.8 NNW LARK [46.57, -101.46]				
	08/03/18 22:00 MST	0		Hail (1.00 in)
	08/03/18 22:03 MST	0		Source: Public
MORTON COUNTY --- 1.5 SSE MANDAN [46.81, -100.89]				
	08/03/18 23:57 CST	0		Hail (0.88 in)
	08/03/18 23:59 CST	0		Source: Public
An upper level shortwave trough interacted with a surface trough over southwest North Dakota to produce thunderstorms in an area of enhanced instability and shear. Some storms became severe producing large hail and high wind gusts. The largest hail reported was the size of a ping pong ball, and fell in Grant County. The strongest thunderstorm wind gust report was 70 mph, also in Grant County.				
KIDDER COUNTY --- 13.1 NNW TUTTLE [47.33, -100.07]				
	08/04/18 16:18 CST	0		Hail (1.00 in)
	08/04/18 16:21 CST	0		Source: Trained Spotter
An isolated severe thunderstorm formed over central North Dakota, along a surface trough, in modest instability, producing one inch diameter hail in Kidder County.				
GOLDEN VALLEY COUNTY --- 0.5 W BEACH [46.92, -104.01]				
	08/23/18 07:50 MST	0		Hail (0.88 in)
	08/23/18 07:52 MST	0		Source: Trained Spotter
Isolated thunderstorms developed during the morning hours over southwest North Dakota ahead of an approaching shortwave trough, with one producing nickel size hail over Golden Valley County.				
KIDDER COUNTY --- 7.7 N CRYSTAL SPGS [46.99, -99.49]				

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	08/25/18 20:51 CST		0	Hail (0.75 in)
	08/25/18 20:54 CST		0	Source: Trained Spotter

STUTSMAN COUNTY --- 1.0 W YPSILANTI [46.78, -98.57]

	08/25/18 20:52 CST		0	Hail (1.00 in)
	08/25/18 20:55 CST		0	Source: Public

KIDDER COUNTY --- 0.5 W CRYSTAL SPGS [46.88, -99.48]

	08/25/18 22:00 CST		0	Hail (1.75 in)
	08/25/18 22:03 CST		0	Source: Broadcast Media

Severe thunderstorms developed along an advancing cold front, in Kidder and Stutsman Counties. The largest hail was golf ball size, and fell near Crystal Springs in Kidder County.

LOGAN COUNTY --- 0.7 N NAPOLEON [46.51, -99.77]

	08/26/18 19:45 CST		0	Hail (1.00 in)
	08/26/18 19:50 CST		0	Source: Trained Spotter

LA MOURE COUNTY --- ALFRED [46.60, -99.00]

	08/26/18 20:36 CST		0	Hail (1.00 in)
	08/26/18 20:38 CST		0	Source: Trained Spotter

Thunderstorms developed along a warm front draped over southern North Dakota in an area of enhanced instability and deep layer shear. A couple of storms became severe, resulting in one inch diameter hail over Logan and LaMoure Counties.