

Storm Data and Unusual Weather Phenomena - May 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
NORTH DAKOTA, Central and West				
STUTSMAN COUNTY --- 5.0 NNW (JMS)JAMESTOWN MUNI [47.00, -98.71]				
	05/23/14 14:56 CST		0	Hail (1.00 in)
	05/23/14 15:01 CST		0	Source: Trained Spotter
STUTSMAN COUNTY --- 1.5 SSE (JMS)JAMESTOWN MUNI [46.91, -98.67]				
	05/23/14 15:29 CST		0	Hail (1.00 in)
	05/23/14 15:34 CST		0	Source: Law Enforcement
STUTSMAN COUNTY --- 0.7 N SPIRITWOOD [46.94, -98.50]				
	05/23/14 16:00 CST		0	Hail (1.00 in)
	05/23/14 16:05 CST		0	Source: Trained Spotter
STUTSMAN COUNTY --- 2.3 NE BLOOM [46.94, -98.58]				
	05/23/14 16:33 CST		0	Hail (1.00 in)
	05/23/14 16:38 CST		0	Source: Law Enforcement
STUTSMAN COUNTY --- 0.8 NW BLOOM [46.93, -98.63]				
	05/23/14 16:40 CST		0	Hail (1.50 in)
	05/23/14 16:44 CST		0	Source: Law Enforcement
The large hail stones were lying on the road as the officer drove through the area. No damage was reported.				
STUTSMAN COUNTY --- 2.0 NW SPIRITWOOD [46.95, -98.53]				
	05/23/14 17:00 CST		5K	Thunderstorm Wind (EG 52 kt)
	05/23/14 17:10 CST		0	Source: Trained Spotter
The strong winds blew over a horse shed.				
STUTSMAN COUNTY --- 1.9 SW JAMESTOWN [46.88, -98.73], 9.0 NNE (JMS)JAMESTOWN MUNI [47.06, -98.63], 8.6 N SPIRITWOOD [47.05, -98.47], 5.2 S SPIRITWOOD [46.86, -98.48]				
	05/23/14 17:35 CST		0.40M	Flash Flood (due to Heavy Rain)
	05/23/14 22:30 CST		0	Source: Law Enforcement
Heavy rain, estimated up to four inches, occurred just east of Jamestown. Deep water was flowing over roads, with numerous county and township roads flooded and washed out. Fire trucks, returning to Jamestown from a fire, had to find another way around due to the deep water. No damage to structures was reported.				
KIDDER COUNTY --- 10.4 S DAWSON [46.72, -99.72]				
	05/23/14 17:58 CST		0	Hail (1.00 in)
	05/23/14 18:03 CST		0	Source: Law Enforcement
Scattered thunderstorms developed across south central and southeastern North Dakota during the late afternoon and evening hours. Some storms became severe and produced large hail, damaging winds, and very heavy rain.				
LA MOURE COUNTY --- 5.6 N EDGELEY [46.45, -98.72]				
	05/25/14 15:00 CST		10K	Hail (1.50 in)
	05/25/14 15:05 CST		0	Source: Public
Some vehicle damage was reported.				
A severe thunderstorm produced large hail near Edgeley in LaMoure County.				
DIVIDE COUNTY --- 12.1 SSE WESTBY [48.70, -103.99]				
	05/26/14 15:38 CST		0	Hail (1.00 in)
	05/26/14 15:44 CST		0	Source: Public
MCKENZIE COUNTY --- 4.3 NNE CHARBONNEAU [47.91, -103.75]				

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	05/26/14 16:24 MST		10K	Hail (1.75 in)
	05/26/14 16:33 MST		0	Source: Trained Spotter

Most of the hail that fell was pea size, with the largest golf ball size. There was some damage.

WILLIAMS COUNTY --- 3.3 ENE BUFORD [48.01, -103.93]

05/26/14 16:30 CST	50K	Hail (2.50 in)
05/26/14 16:35 CST	25K	Source: Public

Damage was reported to vehicles, roofs, and crops.

WILLIAMS COUNTY --- 5.0 NNE BUFORD [48.07, -103.97]

05/26/14 16:30 CST	0	Hail (1.00 in)
05/26/14 16:35 CST	0	Source: Public

WILLIAMS COUNTY --- 1.7 SW TRENTON [48.05, -103.87]

05/26/14 16:43 CST	0	Hail (1.00 in)
05/26/14 16:48 CST	0	Source: Trained Spotter

WILLIAMS COUNTY --- 0.5 E TRENTON [48.07, -103.84]

05/26/14 16:52 CST	0	Hail (1.50 in)
05/26/14 16:57 CST	0	Source: Trained Spotter

WILLIAMS COUNTY --- 2.0 ESE BUFORD [47.99, -103.96]

05/26/14 16:54 CST	0	Hail (1.00 in)
05/26/14 16:59 CST	0	Source: Trained Spotter

WILLIAMS COUNTY --- 0.9 E ALAMO [48.58, -103.45]

05/26/14 17:05 CST	0	Hail (1.75 in)
05/26/14 17:10 CST	0	Source: Public

MCKENZIE COUNTY --- 0.8 SW ARNEGARD [47.81, -103.44]

05/26/14 17:15 MST	30K	Hail (2.25 in)
05/26/14 17:20 MST	0	Source: Law Enforcement

A McKenzie County Deputy Sheriff reported between golf ball and baseball size hail with damage in the area.

MCKENZIE COUNTY --- WATFORD CITY [47.80, -103.28]

05/26/14 17:17 MST	0	Hail (1.75 in)
05/26/14 17:22 MST	0	Source: Law Enforcement

WILLIAMS COUNTY --- 3.4 SW ZAHL [48.54, -103.74]

05/26/14 17:26 CST	0	Hail (1.00 in)
05/26/14 17:30 CST	0	Source: Public

WILLIAMS COUNTY --- 0.5 W ZAHL [48.57, -103.69]

05/26/14 17:32 CST	0	Hail (0.88 in)
05/26/14 17:36 CST	0	Source: Public

MCKENZIE COUNTY --- 0.8 SE ALEXANDER [47.84, -103.64]

05/26/14 17:39 MST	0	Hail (1.00 in)
05/26/14 17:44 MST	0	Source: Law Enforcement

MCKENZIE COUNTY --- 0.8 SE ALEXANDER [47.84, -103.64]

05/26/14 17:40 MST	0	Hail (1.00 in)
05/26/14 17:45 MST	0	Source: Trained Spotter

MCKENZIE COUNTY --- 6.2 S WATFORD CITY [47.71, -103.28], 6.2 S WATFORD CITY [47.71, -103.27]

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	05/26/14 17:46 MST		2.50M	Tornado (EF2, L: 0.46 mi , W: 100 yd)
	05/26/14 17:56 MST	9	0	Source: NWS Storm Survey

Thirteen campers, serving as homes, were completely destroyed and two more were damaged by this tornado. Other damage included a snapped wooden power line pole, automobiles, and fences, both wooden and metal. One automobile was tossed sixty feet and flipped onto its roof, with a trailer parked next to its initial location also flipped and completely destroyed. About a dozen other vehicles were damaged, some destroyed. Eye witness reports indicated two other funnel clouds in the immediate area.

Of all the damage surveyed by the National Weather Service the absolute worst corresponded to EF 2 on the Enhanced Fujita Scale. From that it was determined that the peak wind speeds in the tornado were on the order of 120 mph.

There were nine direct injuries.

MCKENZIE COUNTY --- 7.0 S WATFORD CITY [47.70, -103.28]

05/26/14 18:20 MST	0	Hail (1.50 in)
05/26/14 18:25 MST	0	Source: Public

MCKENZIE COUNTY --- 10.0 N GRASSY BUTTE [47.54, -103.24]

05/26/14 19:15 MST	0	Hail (1.00 in)
05/26/14 19:20 MST	0	Source: Public

DUNN COUNTY --- 15.0 N KILLDEER [47.59, -102.77]

05/26/14 19:30 MST	0	Hail (1.00 in)
05/26/14 19:35 MST	0	Source: Public

MCKENZIE COUNTY --- 5.2 E GRASSY BUTTE [47.39, -103.14]

05/26/14 19:33 MST	0	Hail (0.88 in)
05/26/14 19:43 MST	0	Source: COOP Observer

DUNN COUNTY --- 8.7 WSW MANNING [47.20, -102.95]

05/26/14 20:10 MST	0	Thunderstorm Wind (MG 52 kt)
05/26/14 20:20 MST	0	Source: Public

Several supercell thunderstorms formed in eastern Montana and moved into northwest North Dakota late in the afternoon. Storms initially produced large hail and heavy rain. Early in the evening, reports of rotating wall clouds and possible funnel clouds were received from various locations in McKenzie County. A confirmed EF2 tornado touched down six miles south of Watford City, and resulted in extensive damage to an RV park that was serving as a semi-permanent housing facility. Storms then transitioned into a linear convective system before weakening across Dunn County.

HETTINGER COUNTY --- 6.4 SSW NEW ENGLAND [46.44, -102.88]

05/29/14 14:37 MST	0	Hail (0.75 in)
05/29/14 14:41 MST	0	Source: Trained Spotter

ADAMS COUNTY --- 6.9 N BUCYRUS [46.17, -102.79]

05/29/14 15:40 MST	25K	Hail (1.75 in)
05/29/14 15:45 MST	0	Source: Trained Spotter

There was damage to vehicles and roofs.

STARK COUNTY --- 0.7 N BELFIELD [46.89, -103.20]

05/29/14 17:03 MST	0	Hail (0.75 in)
05/29/14 17:07 MST	0	Source: Trained Spotter

BILLINGS COUNTY --- 0.7 N FAIRFIELD [47.19, -103.22]

05/29/14 17:07 MST	0	Hail (0.75 in)
05/29/14 17:13 MST	0	Source: Law Enforcement

DUNN COUNTY --- 2.1 N MANNING [47.26, -102.77]

05/29/14 17:57 MST	0	Hail (0.88 in)
05/29/14 18:04 MST	0	Source: Trained Spotter

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MCLEAN COUNTY --- 2.8 S MAX [47.78, -101.30]

05/29/14 21:28 CST	0	Hail (1.75 in)
05/29/14 21:33 CST	0	Source: Storm Chaser

There was no damage reported.

MCLEAN COUNTY --- MAX [47.82, -101.30]

05/29/14 21:32 CST	0	Hail (1.25 in)
05/29/14 21:37 CST	0	Source: Trained Spotter

Severe Thunderstorm Watch number 198 was in effect during this event.

A slow moving surface cold front was the focus for convection initializing in the late afternoon hours across southwestern North Dakota. As the storms became severe along a corridor of narrow instability ahead of the cold front, they produced large hail. Most of the storms decreased in intensity during the mid evening with nocturnal decoupling. However, an isolated severe storm produced severe hail near Max in McLean County after dark.

WILLIAMS COUNTY --- 4.3 WSW BONETRAILL [48.40, -103.94]

05/31/14 20:35 CST	0	Hail (1.00 in)
05/31/14 20:45 CST	0	Source: Public

No damage reported.

A severe thunderstorm produced large hail in Williams County.