

## Storm Data and Unusual Weather Phenomena - May 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>NORTH DAKOTA, Central and West</b>				
<b>ADAMS COUNTY --- HAYNES [45.97, -102.47]</b>				
	05/02/12 16:43 MST		0	Hail (0.88 in)
	05/02/12 16:46 MST		0	Source: Law Enforcement
<b>EMMONS COUNTY --- 1.0 W LINTON MUNI ARPT [46.22, -100.25]</b>				
	05/02/12 19:05 CST		0	Thunderstorm Wind (MG 56 kt)
	05/02/12 19:14 CST		0	Source: AWOS
<b>STUTSMAN COUNTY --- 0.8 NW JAMESTOWN [46.91, -98.71]</b>				
	05/02/12 19:32 CST		0	Hail (0.75 in)
	05/02/12 19:37 CST		0	Source: Law Enforcement
<b>MCINTOSH COUNTY --- 0.8 NW WISHEK [46.26, -99.56]</b>				
	05/02/12 19:35 CST		0	Hail (1.00 in)
	05/02/12 19:45 CST		0	Source: Law Enforcement
<b>LOGAN COUNTY --- 0.7 N NAPOLEON [46.51, -99.77]</b>				
	05/02/12 19:37 CST		0	Hail (0.75 in)
	05/02/12 19:41 CST		0	Source: Trained Spotter
<b>LOGAN COUNTY --- 0.7 N NAPOLEON [46.51, -99.77]</b>				
	05/02/12 19:40 CST		0	Hail (0.75 in)
	05/02/12 19:45 CST		0	Source: Trained Spotter
<b>MCINTOSH COUNTY --- 6.7 ENE DANZIG [46.18, -99.35]</b>				
	05/02/12 20:00 CST		0	Hail (1.00 in)
	05/02/12 20:03 CST		0	Source: Trained Spotter
<b>MCINTOSH COUNTY --- 22.8 NE ASHLEY [46.26, -99.03]</b>				
	05/02/12 20:07 CST		0.10K	Thunderstorm Wind (EG 52 kt)
	05/02/12 20:12 CST		0	Source: Public
The strong thunderstorm winds blew over a basketball pole cemented in the ground.				
<b>DICKEY COUNTY --- 0.5 W FULLERTON [46.17, -98.43]</b>				
	05/02/12 21:11 CST		0	Thunderstorm Wind (EG 52 kt)
	05/02/12 21:16 CST		0	Source: Trained Spotter
Pea size hail was also reported.				
<b>A mid level disturbance lifting into the Dakotas triggered scattered strong to severe thunderstorms along a surface warm front over far southern North Dakota during the evening hours of May 2nd. The severe storms produced large hail and high winds.</b>				
<b>MCINTOSH COUNTY --- ASHLEY [46.03, -99.37]</b>				
	05/03/12 01:40 CST		0	Hail (0.88 in)
	05/03/12 01:43 CST		0	Source: Law Enforcement
A strong thunderstorm moving across south central North Dakota produced large hail over McIntosh County.				
<b>MCHENRY COUNTY --- 2.5 NW KIEF [47.88, -100.55]</b>				
	05/17/12 16:20 CST		0	Hail (0.88 in)
	05/17/12 16:28 CST		0	Source: Trained Spotter
<b>MCHENRY COUNTY --- 0.8 NE KIEF [47.86, -100.51]</b>				

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	05/17/12 16:30 CST		0	Hail (0.75 in)
	05/17/12 16:40 CST		0	Source: Trained Spotter

A strong thunderstorm moving across north central North Dakota produced two reports of large hail over McHenry County.

### MERCER COUNTY --- 5.5 WSW STANTON [47.29, -101.49]

05/21/12 17:43 CST	0	Hail (0.75 in)
05/21/12 17:46 CST	0	Source: Trained Spotter

### BURLEIGH COUNTY --- 2.5 NW BALDWIN [47.06, -100.80]

05/21/12 19:05 CST	0	Hail (0.75 in)
05/21/12 19:08 CST	0	Source: Trained Spotter

A mid level short wave impulse ejecting into the Northern Plains combined with afternoon instability along an eastward advancing warm front to trigger late afternoon and evening thunderstorms across central portions of North Dakota. Two reports of large hail accompanied these storms.

### DIVIDE COUNTY --- 3.7 W FORTUNA [48.91, -103.78]

05/22/12 15:55 CST	8K	Thunderstorm Wind (EG 60 kt)
05/22/12 15:59 CST	0	Source: Trained Spotter

This storm report stated that tree branches up to six inches in diameter were broken off by the strong winds.

### DIVIDE COUNTY --- 6.0 WNW AMBROSE [48.98, -103.59], 3.3 N AMBROSE [49.00, -103.48]

05/22/12 16:07 CST	0	Tornado (EF0, L: 5.32 mi , W: 50 yd)
05/22/12 16:17 CST	0	Source: Storm Chaser

This tornado touched down in the open country of Divide County, along the international border. There were no reports of damage associated with this tornado.

### MOUNTRAIL COUNTY --- 2.0 ENE BLAISDELL [48.34, -102.03], 2.7 ENE BLAISDELL [48.35, -102.02]

05/22/12 17:21 CST	0	Tornado (EF0, L: 0.83 mi , W: 25 yd)
05/22/12 17:23 CST	0	Source: Storm Chaser

Professional storm chasers reported this brief tornado. There were no reports of damage so the tornado is rated EF0.

### WARD COUNTY --- 6.2 SSW DONNYBROOK [48.44, -101.93]

05/22/12 17:24 CST	0	Hail (1.00 in)
05/22/12 17:24 CST	0	Source: Trained Spotter

### WARD COUNTY --- 6.2 SSW DONNYBROOK [48.44, -101.93]

05/22/12 17:35 CST	0	Hail (1.00 in)
05/22/12 17:38 CST	0	Source: Trained Spotter

### BOTTINEAU COUNTY --- 3.9 SE LANSFORD [48.59, -101.31]

05/22/12 18:50 CST	0	Hail (1.00 in)
05/22/12 18:55 CST	0	Source: Storm Chaser

### BOTTINEAU COUNTY --- 5.8 SE LANSFORD [48.57, -101.28]

05/22/12 18:50 CST	0	Hail (1.00 in)
05/22/12 18:55 CST	0	Source: Storm Chaser

### MCINTOSH COUNTY --- 10.0 E WISHEK [46.25, -99.34]

05/22/12 19:00 CST	10K	Hail (1.75 in)
05/22/12 19:05 CST	0	Source: Law Enforcement

The hail resulted in damage to vehicles.

### MCINTOSH COUNTY --- 0.8 NW WISHEK [46.26, -99.56]

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	05/22/12 19:13 CST		0	Hail (1.00 in)
	05/22/12 19:19 CST		0	Source: Trained Spotter
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<b>MCINTOSH COUNTY --- 0.8 NW WISHEK [46.26, -99.56]</b>				
	05/22/12 19:20 CST		0	Hail (1.75 in)
	05/22/12 19:27 CST		0	Source: Trained Spotter
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<b>BOTTINEAU COUNTY --- 0.5 W MAXBASS [48.72, -101.14]</b>				
	05/22/12 19:21 CST		0	Hail (0.75 in)
	05/22/12 19:25 CST		0	Source: Trained Spotter
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<b>STUTSMAN COUNTY --- 10.5 ENE STREETER [46.70, -99.14]</b>				
	05/22/12 19:29 CST		0	Hail (1.25 in)
	05/22/12 19:33 CST		0	Source: Law Enforcement
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<b>MCINTOSH COUNTY --- 0.8 NW WISHEK [46.26, -99.56]</b>				
	05/22/12 19:34 CST		0	Hail (2.00 in)
	05/22/12 19:39 CST		0	Source: Trained Spotter
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<b>STUTSMAN COUNTY --- 2.1 SSW WINDSOR [46.87, -99.04]</b>				
	05/22/12 19:55 CST		0	Hail (1.75 in)
	05/22/12 19:59 CST		0	Source: Emergency Manager
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<b>STUTSMAN COUNTY --- 4.0 NE SYDNEY [46.77, -98.71]</b>				
	05/22/12 20:00 CST		4K	Hail (1.00 in)
	05/22/12 20:05 CST		0	Source: Trained Spotter
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The hail damaged a car.				
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<b>STUTSMAN COUNTY --- 4.0 NE SYDNEY [46.77, -98.71]</b>				
	05/22/12 20:00 CST		0	Thunderstorm Wind (EG 52 kt)
	05/22/12 20:07 CST		0	Source: Trained Spotter
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The trained spotter reported no damage.				
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<b>STUTSMAN COUNTY --- 3.7 NNW (JMS)JAMESTOWN MUNI [46.98, -98.71]</b>				
	05/22/12 20:07 CST		0	Hail (1.00 in)
	05/22/12 20:11 CST		0	Source: Law Enforcement
<hr/>				
<b>STUTSMAN COUNTY --- 3.7 NNW (JMS)JAMESTOWN MUNI [46.98, -98.71]</b>				
	05/22/12 20:07 CST		0	Thunderstorm Wind (EG 52 kt)
	05/22/12 20:12 CST		0	Source: Law Enforcement
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Large hail accompanied the strong winds.				
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<b>STUTSMAN COUNTY --- 0.7 S BUCHANAN [47.06, -98.83]</b>				
	05/22/12 20:10 CST		0	Thunderstorm Wind (EG 52 kt)
	05/22/12 20:15 CST		0	Source: Trained Spotter
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The strong winds broke small tree branches.				
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<b>STUTSMAN COUNTY --- 0.7 S BUCHANAN [47.06, -98.83]</b>				
	05/22/12 20:15 CST		0	Hail (0.88 in)
	05/22/12 20:25 CST		0	Source: Trained Spotter
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<b>LA MOURE COUNTY --- 1.2 NW JUD [46.53, -98.90]</b>				
	05/22/12 20:16 CST		0	Hail (0.88 in)
	05/22/12 20:19 CST		0	Source: Law Enforcement

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<hr/>				
<b>LA MOURE COUNTY --- 4.9 S NORTONVILLE [46.48, -98.71]</b>				
	05/22/12 20:46 CST		0	Hail (0.75 in)
	05/22/12 20:48 CST		0	Source: Trained Spotter
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<b>STUTSMAN COUNTY --- 0.8 NW JAMESTOWN [46.91, -98.71]</b>				
	05/22/12 21:05 CST		0	Hail (0.88 in)
	05/22/12 21:09 CST		0	Source: Trained Spotter
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<b>STUTSMAN COUNTY --- 0.8 NW JAMESTOWN [46.91, -98.71]</b>				
	05/22/12 21:07 CST		0	Hail (0.75 in)
	05/22/12 21:11 CST		0	Source: Trained Spotter
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Tornado Watch number 290 and Severe Thunderstorm Watch number 291 were in effect during this event.				
<p>Strong afternoon destabilization occurred north and east of an area of low pressure situated over southwest North Dakota May 22nd. The trigger for thunderstorm development was a strong upper level jet streak advecting northeast across the Rockies and into the Northern Plains. While a strong capping inversion was in place in the low's warm sector, a weaker cap existed over northern North Dakota, where convection first initiated late in the afternoon over the far northwest. Additional strong to severe thunderstorms developed during the evening across the north central and from the south central into the James River Basin. Severe hail, severe thunderstorm winds, and two confirmed EF0 tornadoes occurred during this event.</p>				
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<b>LOGAN COUNTY --- 0.7 N NAPOLEON [46.51, -99.77]</b>				
	05/26/12 22:57 CST		0	Hail (0.75 in)
	05/26/12 23:01 CST		0	Source: Law Enforcement
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<b>KIDDER COUNTY --- 1.0 W STEELE [46.85, -99.92]</b>				
	05/26/12 23:05 CST		0	Hail (1.00 in)
	05/26/12 23:09 CST		0	Source: Public
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<b>GRANT COUNTY --- NEW LEIPZIG [46.37, -101.95]</b>				
	05/27/12 00:00 MST		0	Hail (1.00 in)
	05/27/12 00:05 MST		0	Source: Public
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<b>GRANT COUNTY --- 13.8 N ELGIN MUNI ARPT [46.60, -101.81]</b>				
	05/27/12 00:15 MST		0	Hail (1.00 in)
	05/27/12 00:19 MST		0	Source: COOP Observer

A surface warm front lifting north across southern North Dakota brought elevated nocturnal convection across the southwest and south central parts of the state. A few storms became severe and produced large hail late in the evening of May 26th and during the early morning hours of the 27th.