

## Storm Data and Unusual Weather Phenomena - June 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>NORTH DAKOTA, Central and West</b>				
<b>MOUNTRAIL COUNTY --- 2.8 S TAGUS [48.31, -101.93]</b>				
	06/01/15 17:34 CST	0		Hail (1.25 in)
	06/01/15 17:47 CST	0		Source: Public
<b>MOUNTRAIL COUNTY --- 5.8 NNW PLAZA [48.11, -102.01]</b>				
	06/01/15 17:52 CST	0		Funnel Cloud
	06/01/15 17:54 CST	0		Source: Trained Spotter
<b>BOTTINEAU COUNTY --- 0.5 W BOTTINEAU [48.83, -100.44]</b>				
	06/01/15 19:01 CST	0		Hail (1.00 in)
	06/01/15 19:03 CST	0		Source: Trained Spotter
<b>BOTTINEAU COUNTY --- 0.5 W BOTTINEAU [48.83, -100.44]</b>				
	06/01/15 19:05 CST	0		Hail (1.00 in)
	06/01/15 19:10 CST	0		Source: Public
<b>BILLINGS COUNTY --- 7.3 NE FAIRFIELD [47.26, -103.12]</b>				
	06/01/15 20:00 MST	0		Hail (0.88 in)
	06/01/15 20:02 MST	0		Source: Mesonet
<b>MCLEAN COUNTY --- 9.6 SSW ROSEGLEN [47.62, -101.90]</b>				
	06/01/15 20:00 CST	0		Funnel Cloud
	06/01/15 20:03 CST	0		Source: Trained Spotter
<b>MCLEAN COUNTY --- 2.7 ENE GARRISON MUNI ARPT [47.65, -101.33]</b>				
	06/01/15 20:25 CST	0		Thunderstorm Wind (EG 52 kt)
	06/01/15 20:27 CST	0		Source: Law Enforcement
Event was reported by a law enforcement officer who drove through the thunderstorm wind gusts.				
<b>DUNN COUNTY --- 7.7 NNE HALLIDAY [47.45, -102.26]</b>				
	06/01/15 20:30 MST	0		Thunderstorm Wind (EG 52 kt)
	06/01/15 20:33 MST	0		Source: Public
Strong wind gusts were accompanied by pea sized hail.				
<b>MCLEAN COUNTY --- 0.5 E RAUB [47.75, -102.04]</b>				
	06/01/15 20:30 CST	0		Hail (0.75 in)
	06/01/15 20:33 CST	0		Source: Public
<b>MERCER COUNTY --- 5.3 NW ZAP [47.34, -101.99]</b>				
	06/01/15 21:41 CST	0		Thunderstorm Wind (MG 51 kt)
	06/01/15 21:43 CST	0		Source: Storm Chaser
<b>STARK COUNTY --- 3.1 NE ANTELOPE [46.88, -102.15]</b>				
	06/01/15 22:44 MST	0		Hail (0.75 in)
	06/01/15 22:46 MST	0		Source: Trained Spotter
Thunderstorms developed along a surface trough where low level moisture had been increasing throughout the day. The strongest storms were over northwest into parts of central North Dakota, with reports of hail up to a half-dollar in size and wind gusts to 60 mph.				
<b>STARK COUNTY --- 2.4 W DICKINSON [46.88, -102.83]</b>				
	06/02/15 12:32 MST	0		Funnel Cloud
	06/02/15 12:33 MST	0		Source: Emergency Manager

## Storm Data and Unusual Weather Phenomena - June 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>SIoux COUNTY --- 8.6 SSW CANNON BALL [46.27, -100.64]</b>				
	06/02/15 12:46 MST	0		Hail (1.00 in)
	06/02/15 12:51 MST	0		Source: Public
<b>DUNN COUNTY --- 2.4 WSW KILLDEER [47.36, -102.82], 1.5 WSW KILLDEER [47.36, -102.80]</b>				
	06/02/15 12:57 MST	0		Tornado (EF0, L: 0.86 mi , W: 20 yd)
	06/02/15 12:59 MST	0		Source: Public
This was a brief tornado in an open field. There was no damage and no structures were impacted, so the rating is EF0.				
<b>DUNN COUNTY --- 2.5 SW KILLDEER [47.34, -102.80]</b>				
	06/02/15 13:02 MST	0		Funnel Cloud
	06/02/15 13:03 MST	0		Source: Law Enforcement
<b>STARK COUNTY --- 6.8 NNW TAYLOR [46.99, -102.48]</b>				
	06/02/15 13:30 MST	0		Hail (1.25 in)
	06/02/15 13:35 MST	0		Source: COOP Observer
<b>EMMONS COUNTY --- 11.5 W LINTON [46.27, -100.47]</b>				
	06/02/15 13:55 CST	0		Hail (0.88 in)
	06/02/15 13:57 CST	0		Source: Law Enforcement
<b>STARK COUNTY --- 5.5 NE ANTELOPE [46.90, -102.11]</b>				
	06/02/15 14:22 MST	0		Funnel Cloud
	06/02/15 14:24 MST	0		Source: Law Enforcement
<b>EMMONS COUNTY --- 0.5 E STRASBURG [46.13, -100.16]</b>				
	06/02/15 15:05 CST	0		Hail (1.00 in)
	06/02/15 15:10 CST	0		Source: Trained Spotter
<b>EMMONS COUNTY --- 0.8 NW STRASBURG [46.14, -100.18]</b>				
	06/02/15 15:07 CST	0		Hail (1.00 in)
	06/02/15 15:11 CST	0		Source: Storm Chaser
<b>MORTON COUNTY --- 0.9 W HEBRON [46.90, -102.05]</b>				
	06/02/15 15:25 CST	0		Hail (1.25 in)
	06/02/15 15:27 CST	0		Source: Public
<b>MORTON COUNTY --- 0.9 W HEBRON [46.90, -102.05]</b>				
	06/02/15 15:29 CST	0		Hail (0.88 in)
	06/02/15 15:32 CST	0		Source: Emergency Manager
<b>EMMONS COUNTY --- 2.9 NNW HAGUE [46.07, -100.00]</b>				
	06/02/15 15:35 CST	0		Hail (0.88 in)
	06/02/15 15:37 CST	0		Source: Public
<b>MORTON COUNTY --- 4.3 E HEBRON [46.90, -101.94]</b>				
	06/02/15 15:39 CST	0		Hail (1.00 in)
	06/02/15 15:42 CST	0		Source: Trained Spotter
<b>MORTON COUNTY --- GLEN ULLIN [46.82, -101.83]</b>				
	06/02/15 15:45 CST	0		Hail (2.00 in)
	06/02/15 15:47 CST	0		Source: Public
<b>MORTON COUNTY --- ALMONT [46.73, -101.50]</b>				
	06/02/15 16:12 CST	0		Hail (1.25 in)
	06/02/15 16:19 CST	0		Source: Trained Spotter

## Storm Data and Unusual Weather Phenomena - June 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>SIoux COUNTY --- SOLEn [46.39, -100.80]</b>				
	06/02/15 16:42 MST		0	Hail (1.75 in)
	06/02/15 16:44 MST		0	Source: Trained Spotter
<b>SIoux COUNTY --- 8.6 SSW CANNON BALL [46.27, -100.64]</b>				
	06/02/15 17:00 MST		0	Hail (1.75 in)
	06/02/15 17:08 MST		0	Source: Trained Spotter
<b>MORTON COUNTY --- 8.1 SSW ST ANTHONY [46.51, -100.98]</b>				
	06/02/15 17:10 CST		0	Hail (1.50 in)
	06/02/15 17:15 CST		0	Source: Trained Spotter
<b>MORTON COUNTY --- 1.5 SSE ST ANTHONY [46.60, -100.91]</b>				
	06/02/15 17:15 CST		0	Hail (0.75 in)
	06/02/15 17:18 CST		0	Source: Trained Spotter
<b>EMMONS COUNTY --- 12.4 WSW TEMVIK [46.32, -100.50]</b>				
	06/02/15 18:00 CST		0	Hail (1.75 in)
	06/02/15 18:10 CST		0	Source: Trained Spotter
<b>STUTSMAN COUNTY --- 5.2 W PINGREE [47.16, -99.03]</b>				
	06/02/15 18:05 CST		50K	Hail (3.00 in)
	06/02/15 18:09 CST		0.20M	Source: Broadcast Media
<b>STUTSMAN COUNTY --- 0.8 SE PINGREE [47.16, -98.91]</b>				
	06/02/15 18:10 CST		0.20M	Hail (2.25 in)
	06/02/15 18:13 CST		0.15M	Source: Law Enforcement
<b>DICKEY COUNTY --- 7.6 N FULLERTON [46.28, -98.43]</b>				
	06/02/15 18:25 CST		0	Hail (1.25 in)
	06/02/15 18:28 CST		0	Source: Trained Spotter
<b>DICKEY COUNTY --- 7.6 N FULLERTON [46.28, -98.43]</b>				
	06/02/15 18:30 CST		50K	Hail (2.25 in)
	06/02/15 18:34 CST		0.20M	Source: Public
<b>LA MOURE COUNTY --- 4.1 ESE BERLIN [46.36, -98.40]</b>				
	06/02/15 18:47 CST		50K	Hail (2.25 in)
	06/02/15 18:50 CST		0.20M	Source: Broadcast Media
<b>LA MOURE COUNTY --- 0.8 NE LA MOURE [46.36, -98.29]</b>				
	06/02/15 18:51 CST		0	Hail (1.00 in)
	06/02/15 18:53 CST		0	Source: Public
<p>A frontal boundary extended from west central into north central North Dakota while a surface low was noted over north central South Dakota. Instability and shear increased through mid-day with strong storms developing by mid-afternoon. The largest hail was over the southern James River Valley where sizes up to three inches in diameter were reported.</p>				
<b>BURLEIGH COUNTY --- 6.5 WNW MOFFIT [46.71, -100.41]</b>				
	06/13/15 16:08 CST		0	Hail (1.00 in)
	06/13/15 16:10 CST		0	Source: Public
<p>An isolated severe thunderstorm with quarter sized hail developed over Burleigh County as a cold front moved through the region.</p>				
<b>SIoux COUNTY --- 0.8 NE SELFRIDGE [46.04, -100.92]</b>				
	06/14/15 01:54 MST		0	Hail (1.00 in)
	06/14/15 01:56 MST		0	Source: Trained Spotter

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A strong upper level jet moving through the region resulted in an isolated severe thunderstorm which produced quarter sized hail over Sioux County.

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**MCKENZIE COUNTY --- 9.8 N EAST FAIRVIEW [47.99, -103.86]**

	06/19/15 15:25 MST	0		Hail (1.75 in)
	06/19/15 15:27 MST	0		Source: Trained Spotter

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**GOLDEN VALLEY COUNTY --- 0.9 E BEACH [46.92, -103.98]**

	06/19/15 16:30 MST	0		Thunderstorm Wind (MG 53 kt)
	06/19/15 16:34 MST	0		Source: AWOS

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**BOWMAN COUNTY --- 12.4 WSW RHAME [46.18, -103.90]**

	06/19/15 16:48 MST	0		Hail (2.75 in)
	06/19/15 16:51 MST	0		Source: Trained Spotter

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**MCKENZIE COUNTY --- 1.4 S WATFORD CITY [47.78, -103.28]**

	06/19/15 16:49 MST	0		Thunderstorm Wind (MG 67 kt)
	06/19/15 16:51 MST	0		Source: Mesonet

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**BOWMAN COUNTY --- 13.8 WSW RHAME [46.16, -103.92]**

	06/19/15 16:50 MST	0		Hail (2.75 in)
	06/19/15 16:52 MST	0		Source: Emergency Manager

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**DUNN COUNTY --- 4.3 NNE KILLDEER [47.43, -102.75]**

	06/19/15 16:55 MST	0		Thunderstorm Wind (EG 52 kt)
	06/19/15 16:57 MST	0		Source: Trained Spotter

A power outage was reported with the strong wind gusts.

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**BOWMAN COUNTY --- 8.3 S RHAME [46.11, -103.67]**

	06/19/15 17:13 MST	0		Hail (1.75 in)
	06/19/15 17:14 MST	0		Source: Trained Spotter

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**STARK COUNTY --- 0.5 W DICKINSON [46.88, -102.79]**

	06/19/15 17:40 MST	15K		Thunderstorm Wind (EG 56 kt)
	06/19/15 17:43 MST	0		Source: Amateur Radio

Tree limbs were downed as a result of the strong wind gusts.

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**MORTON COUNTY --- 0.5 E NEW SALEM [46.85, -101.41]**

	06/19/15 19:25 CST	0		Thunderstorm Wind (EG 52 kt)
	06/19/15 19:27 CST	0		Source: Amateur Radio

Strong thunderstorm wind gusts were reported in New Salem.

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**MORTON COUNTY --- 11.2 NNW MANDAN [46.97, -101.02]**

	06/19/15 19:40 CST	0		Thunderstorm Wind (EG 65 kt)
	06/19/15 19:43 CST	0		Source: Amateur Radio

An amateur radio operator reported the very strong thunderstorm wind gusts.

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**MORTON COUNTY --- 5.7 E SWEET BRIAR [46.83, -101.06]**

	06/19/15 19:45 CST	0		Thunderstorm Wind (EG 52 kt)
	06/19/15 19:48 CST	0		Source: Trained Spotter

The strong wind gusts combined with heavy rain to reduce visibility to around 10 feet.

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**BURLEIGH COUNTY --- 9.2 SW BALDWIN [46.93, -100.90]**

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	06/19/15 19:49 CST		0	Thunderstorm Wind (EG 52 kt)
	06/19/15 19:51 CST		0	Source: Amateur Radio

Strong wind gusts estimated by amateur radio operator.

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### MORTON COUNTY --- 2.1 SSE MANDAN [46.80, -100.89]

	06/19/15 19:53 CST		0	Thunderstorm Wind (MG 56 kt)
	06/19/15 19:55 CST		0	Source: Mesonet

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### MORTON COUNTY --- 0.5 E MANDAN [46.83, -100.89]

	06/19/15 19:54 CST		30K	Thunderstorm Wind (EG 70 kt)
	06/19/15 19:56 CST		0	Source: Trained Spotter

Many branches were broken by the strong wind gusts.

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### BURLEIGH COUNTY --- 4.2 SE (BIS)BISMARCK MUNI A [46.73, -100.70]

	06/19/15 20:01 CST		0.35M	Thunderstorm Wind (EG 78 kt)
	06/19/15 20:05 CST		0	Source: Trained Spotter

Very strong thunderstorm winds were reported near the city of Lincoln . A camper rolled out of a yard. A stack of large hay bales collapsed. Garage doors buckled. Trees were uprooted and others snapped and there was a lot of damage to outside lawn furniture and children 's play sets. Power lines were downed.

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### BURLEIGH COUNTY --- (BIS)BISMARCK MUNI A [46.78, -100.75]

	06/19/15 20:03 CST		1M	Thunderstorm Wind (MG 71 kt)
	06/19/15 20:10 CST		0	Source: ASOS

Trees and power poles were extensively damaged , especially just east and north of the downtown area. Power outages lasted three days in some areas. A roof was torn off a building along Broadway Avenue. A small plane flipped over on the north side of the Bismarck Municipal Airport .

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### BURLEIGH COUNTY --- 6.2 N BISMARCK [46.89, -100.78]

	06/19/15 20:04 CST		0	Thunderstorm Wind (MG 69 kt)
	06/19/15 20:06 CST		0	Source: Mesonet

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### MORTON COUNTY --- 0.5 E MANDAN [46.83, -100.89]

	06/19/15 20:09 CST		0	Thunderstorm Wind (MG 66 kt)
	06/19/15 20:11 CST		0	Source: AWOS

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### BURLEIGH COUNTY --- 4.5 ESE (BIS)BISMARCK MUNI A [46.76, -100.66]

	06/19/15 20:10 CST		0	Thunderstorm Wind (MG 66 kt)
	06/19/15 20:12 CST		0	Source: Trained Spotter

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### MORTON COUNTY --- 1.4 N MANDAN [46.85, -100.90]

	06/19/15 20:10 CST		50K	Thunderstorm Wind (MG 66 kt)
	06/19/15 20:12 CST		0	Source: Trained Spotter

Parts of a roof were torn off of a group home.

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### EMMONS COUNTY --- 14.4 NW HAZELTON [46.63, -100.49]

	06/19/15 20:35 CST		5K	Thunderstorm Wind (EG 52 kt)
	06/19/15 20:38 CST		0	Source: Public

Lawn furniture was damaged.

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### BURLEIGH COUNTY --- 1.9 E MOFFIT [46.68, -100.24]

	06/19/15 20:47 CST		0	Thunderstorm Wind (MG 53 kt)
	06/19/15 20:49 CST		0	Source: Mesonet

A very strong short wave approached the region while very strong instability and shear were noted across much of western and central North Dakota. Storms initially produced large hail, particularly over Bowman County where hail up to baseball size was reported. Thunderstorms later in the evening became prolific straight line wind producers. The strongest winds were reported in Burleigh

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County, where winds blew up to 90 mph. Extensive tree and power line damage with some structural damage was reported in the city of Bismarck and surrounding rural areas. Power outages lasted up to 72 hours.

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**PIERCE COUNTY --- 8.5 NNW SELZ [47.96, -99.96]**

	06/20/15 14:21 CST		0	Hail (1.25 in)
	06/20/15 14:26 CST		0	Source: Trained Spotter

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**FOSTER COUNTY --- 0.8 SE GRACE CITY [47.54, -98.81]**

	06/20/15 16:01 CST		0	Hail (1.00 in)
	06/20/15 16:05 CST		0	Source: Trained Spotter

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**MCHENRY COUNTY --- 0.5 W TOWNER [48.35, -100.41]**

	06/20/15 19:34 CST		0.25M	Thunderstorm Wind (EG 61 kt)
	06/20/15 19:36 CST		0	Source: Trained Spotter

Strong wind gusts were accompanied by hail the size of golf balls. There was damage to structures and automobiles.

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**MCHENRY COUNTY --- 0.5 W TOWNER [48.35, -100.41]**

	06/20/15 19:34 CST		0	Hail (1.75 in)
	06/20/15 19:40 CST		0	Source: Trained Spotter

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**PIERCE COUNTY --- 6.7 NW SELZ [47.92, -99.98]**

	06/20/15 20:36 CST		0	Hail (1.00 in)
	06/20/15 20:40 CST		0	Source: Trained Spotter

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**WELLS COUNTY --- 1.9 W HARVEY [47.77, -99.94]**

	06/20/15 21:00 CST		0.75M	Hail (2.00 in)
	06/20/15 21:05 CST		0.40M	Source: Broadcast Media

Hail was accompanied by wind gusts up to 60 mph. Damage was extensive to buildings and at an automobile dealership on the south side of Harvey. There was also crop damage.

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**WELLS COUNTY --- 4.4 ENE CHASELEY [47.47, -99.71]**

	06/20/15 21:40 CST		0	Hail (1.00 in)
	06/20/15 21:43 CST		0	Source: Law Enforcement

A short wave moving through the region resulted in isolated thunderstorms developing over north central North Dakota. Two storms became severe. The first developed over southern Pierce County and tracked southeastward towards Foster County. The second storm was a long lived supercell which strengthened over northern McHenry County and slowly moved southeast before dissipating over southern Wells County. The greatest damage was reported at Harvey, Wells County, where multiple homes were damaged by hen egg sized hail and many vehicles at a car dealership were damaged.

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**DIVIDE COUNTY --- 9.4 SE ALKABO [48.77, -103.73]**

	06/21/15 14:15 CST		0	Hail (1.00 in)
	06/21/15 14:17 CST		0	Source: Trained Spotter

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**BURKE COUNTY --- 10.8 SSE COTEAU [48.60, -102.25]**

	06/21/15 15:20 CST		0	Hail (1.00 in)
	06/21/15 15:23 CST		0	Source: Trained Spotter

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**BOWMAN COUNTY --- 11.8 S RHAME [46.06, -103.66]**

	06/21/15 16:55 MST		0	Hail (1.00 in)
	06/21/15 17:00 MST		0	Source: Trained Spotter

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**HETTINGER COUNTY --- 5.5 S MOTT MUNI ARPT [46.27, -102.33]**

	06/21/15 18:35 MST		0	Hail (1.50 in)
	06/21/15 18:37 MST		0	Source: Trained Spotter

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**MORTON COUNTY --- 0.5 E NEW SALEM [46.85, -101.41]**

## Storm Data and Unusual Weather Phenomena - June 2015

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	06/21/15 19:00 CST		0	Hail (0.88 in)
	06/21/15 19:02 CST		0	Source: Trained Spotter
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<b>MORTON COUNTY --- 0.5 E NEW SALEM [46.85, -101.41]</b>	06/21/15 19:05 CST		40K	Thunderstorm Wind (EG 74 kt)
	06/21/15 19:08 CST		0	Source: Fire Department/Rescue
Large tree limbs were downed in the New Salem area.				
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<b>MORTON COUNTY --- 3.4 SE JUDSON [46.79, -101.23]</b>	06/21/15 19:31 CST		0	Thunderstorm Wind (EG 70 kt)
	06/21/15 19:34 CST		0	Source: Trained Spotter
A trained spotter reported strong thunderstorm wind gusts in the Judson area.				
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<b>MORTON COUNTY --- 2.8 N ST ANTHONY [46.66, -100.91]</b>	06/21/15 20:05 CST		0	Thunderstorm Wind (EG 52 kt)
	06/21/15 20:07 CST		0	Source: Amateur Radio
An amateur radio operator near St. Anthony reported strong thunderstorm wind gusts.				
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<b>FOSTER COUNTY --- CARRINGTON ARPT [47.45, -99.15]</b>	06/21/15 21:00 CST		0	Thunderstorm Wind (MG 52 kt)
	06/21/15 21:04 CST		0	Source: AWOS
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<b>EMMONS COUNTY --- LINTON [46.27, -100.23]</b>	06/21/15 21:05 CST		0	Hail (1.00 in)
	06/21/15 21:08 CST		0	Source: Trained Spotter
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<b>EMMONS COUNTY --- LINTON [46.27, -100.23]</b>	06/21/15 21:05 CST		0	Thunderstorm Wind (EG 52 kt)
	06/21/15 21:08 CST		0	Source: Trained Spotter
A trained spotter in Linton reported strong thunderstorm wind gusts.				
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<b>BOWMAN COUNTY --- 14.1 WSW RHAME [46.15, -103.92]</b>	06/21/15 21:06 MST		0	Thunderstorm Wind (EG 56 kt)
	06/21/15 21:08 MST		0	Source: Trained Spotter
A trained spotter west-southwest of Rhame reported strong thunderstorm wind gusts.				
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<b>BOWMAN COUNTY --- 13.6 WSW RHAME [46.17, -103.92]</b>	06/21/15 21:09 MST		0	Thunderstorm Wind (MG 54 kt)
	06/21/15 21:11 MST		0	Source: Trained Spotter
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<b>EMMONS COUNTY --- 1.0 W LINTON MUNI ARPT [46.22, -100.25]</b>	06/21/15 21:10 CST		0	Thunderstorm Wind (MG 54 kt)
	06/21/15 21:10 CST		0	Source: AWOS
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<b>EMMONS COUNTY --- 3.5 N LINTON [46.32, -100.23]</b>	06/21/15 21:10 CST		0	Hail (1.00 in)
	06/21/15 21:12 CST		0	Source: Trained Spotter
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<b>FOSTER COUNTY --- CARRINGTON ARPT [47.45, -99.15]</b>	06/21/15 21:13 CST		0	Thunderstorm Wind (MG 52 kt)
	06/21/15 21:16 CST		0	Source: AWOS
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<b>STUTSMAN COUNTY --- 2.7 ENE KENSAL [47.31, -98.68]</b>				

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	06/21/15 21:25 CST		0.30M	Thunderstorm Wind (EG 85 kt)
	06/21/15 21:32 CST		50K	Source: Trained Spotter
An insulated pole barn style shop building was destroyed at a farmstead east-northeast of Kensal. Additional damage included a collapsed portion of a steel grain bin roof and a grain auger blown over. Several large tree limbs were snapped.				
<b>ADAMS COUNTY --- 0.5 W HETTINGER [46.00, -102.64]</b>				
	06/21/15 21:28 MST		0	Thunderstorm Wind (EG 52 kt)
	06/21/15 21:30 MST		0	Source: Law Enforcement
Law enforcement in Hettinger reported strong thunderstorm wind gusts.				
<b>MCINTOSH COUNTY --- 6.0 N ZEELAND [46.06, -99.83]</b>				
	06/21/15 21:35 CST		0.40M	Thunderstorm Wind (EG 70 kt)
	06/21/15 21:50 CST		0.20M	Source: Law Enforcement
Strong winds were reported from three miles north of Zeeland to 10 miles north of Zeeland. Law enforcement reported multiple downed power poles. A camper was rolled, and damage occurred at a farmstead approximately six miles north of Zeeland, with a grain auger blown over and a temporary grain enclosure ruined. A house was also shifted off of its foundation. Multiple mature trees were uprooted and others snapped.				
<b>MCINTOSH COUNTY --- ASHLEY [46.03, -99.37]</b>				
	06/21/15 21:49 CST		0	Thunderstorm Wind (EG 61 kt)
	06/21/15 21:52 CST		0	Source: Public
A member of the public in Ashley reported strong thunderstorm wind gusts.				
<p><b>A surface low pressure system which developed over eastern Montana combined with a strong short wave to produce thunderstorms throughout the region. Many storms became severe with very strong instability and shear noted. Large hail was the initial severe threat, with the largest hail over Hettinger County where ping pong ball sized hail was reported. Later in the evening, strong wind gusts became the primary severe threat. The strongest wind gusts were reported in Foster and McIntosh Counties where substantial damage occurred on farmsteads.</b></p>				
<b>GOLDEN VALLEY COUNTY --- 5.8 NNE GOLVA [46.81, -103.94]</b>				
	06/23/15 14:50 MST		0	Funnel Cloud
	06/23/15 14:52 MST		0	Source: Emergency Manager
<b>SLOPE COUNTY --- 10.7 WNW AMIDON [46.55, -103.52]</b>				
	06/23/15 15:43 MST		0	Thunderstorm Wind (MG 53 kt)
	06/23/15 15:45 MST		0	Source: Mesonet
<b>SLOPE COUNTY --- 2.0 NW AMIDON [46.50, -103.35]</b>				
	06/23/15 15:58 MST		0	Thunderstorm Wind (EG 52 kt)
	06/23/15 16:00 MST		0	Source: Trained Spotter
A trained spotter reported strong thunderstorm wind gusts near Amidon.				
<b>HETTINGER COUNTY --- 7.1 NW REGENT [46.49, -102.66]</b>				
	06/23/15 16:35 MST		0	Funnel Cloud
	06/23/15 16:37 MST		0	Source: Law Enforcement
A passing upper level jet streak combined with modest instability to produce isolated severe weather in southwest North Dakota.				
<b>DUNN COUNTY --- 2.7 WSW MARSHALL [47.11, -102.38]</b>				
	06/24/15 17:30 MST		0	Hail (0.88 in)
	06/24/15 17:36 MST		0	Source: Trained Spotter
<b>DUNN COUNTY --- 3.5 SW MARSHALL [47.10, -102.39]</b>				
	06/24/15 17:30 MST		0	Hail (0.88 in)
	06/24/15 17:40 MST		0	Source: Trained Spotter
<b>DUNN COUNTY --- 6.4 SE EMERSON [47.11, -102.56], 6.5 SE EMERSON [47.11, -102.56]</b>				



## Storm Data and Unusual Weather Phenomena - June 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/24/15 17:37 MST		0	Tornado (EF0, L: 0.08 mi , W: 15 yd)
	06/24/15 17:38 MST		0	Source: Law Enforcement
<hr/>				
<b>DUNN COUNTY --- 3.5 SW MARSHALL [47.10, -102.39]</b>	06/24/15 17:48 MST		0	Hail (1.00 in)
	06/24/15 17:50 MST		0	Source: Trained Spotter
<hr/>				
<b>OLIVER COUNTY --- 17.2 WNW HANNOVER [47.24, -101.75]</b>	06/24/15 20:05 CST		0	Hail (0.88 in)
	06/24/15 20:15 CST		0	Source: Trained Spotter
<hr/>				
<b>MERCER COUNTY --- 2.1 S BEULAH [47.24, -101.78]</b>	06/24/15 20:08 CST		0	Hail (1.25 in)
	06/24/15 20:11 CST		0	Source: Trained Spotter
<hr/>				
A persistent upper level jet combined with ample low level moisture to produce isolated severe thunderstorms over west central North Dakota. The largest hail was in Mercer County where half dollar size hail fell.				
<hr/>				
<b>MOUNTRAIL COUNTY --- 0.5 E PLAZA [48.03, -101.96]</b>	06/25/15 10:23 CST		0	Funnel Cloud
	06/25/15 10:25 CST		0	Source: Public
<hr/>				
<b>SLOPE COUNTY --- 12.1 ENE AMIDON [46.54, -103.08]</b>	06/25/15 13:22 MST		0	Funnel Cloud
	06/25/15 13:24 MST		0	Source: Public
<hr/>				
<b>MOUNTRAIL COUNTY --- 0.8 SSW STANLEY MUNI ARPT [48.29, -102.41]</b>	06/25/15 13:35 CST		0	Funnel Cloud
	06/25/15 13:38 CST		0	Source: Law Enforcement
<hr/>				
<b>HETTINGER COUNTY --- 11.3 SSE NEW ENGLAND [46.37, -102.80]</b>	06/25/15 13:40 MST		0	Funnel Cloud
	06/25/15 13:42 MST		0	Source: Public
<hr/>				
<b>MCHENRY COUNTY --- 5.4 ENE KONGSBERG [47.89, -100.70]</b>	06/25/15 14:05 CST		0	Funnel Cloud
	06/25/15 14:08 CST		0	Source: Trained Spotter
<hr/>				
<b>WARD COUNTY --- 4.9 S MINOT [48.16, -101.30]</b>	06/25/15 14:06 CST		0	Funnel Cloud
	06/25/15 14:08 CST		0	Source: Law Enforcement
<hr/>				
<b>MOUNTRAIL COUNTY --- 1.1 SW PALERMO [48.32, -102.24]</b>	06/25/15 14:27 CST		0	Funnel Cloud
	06/25/15 14:30 CST		0	Source: Public
<hr/>				
<b>DUNN COUNTY --- 8.3 N HALLIDAY [47.47, -102.34]</b>	06/25/15 14:55 MST		0	Hail (1.00 in)
	06/25/15 14:59 MST		0	Source: Public
<hr/>				
<b>WARD COUNTY --- 0.9 W MINOT [48.23, -101.30]</b>	06/25/15 15:12 CST		0	Hail (1.00 in)
	06/25/15 15:15 CST		0	Source: Trained Spotter
<hr/>				
<b>WARD COUNTY --- 0.5 E BURLINGTON [48.28, -101.41]</b>				

## Storm Data and Unusual Weather Phenomena - June 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/25/15 15:56 CST		0	Hail (1.00 in)
	06/25/15 15:58 CST		0	Source: Trained Spotter

**BURKE COUNTY --- 9.7 S COTEAU [48.61, -102.32]**

	06/25/15 16:28 CST		0	Funnel Cloud
	06/25/15 16:29 CST		0	Source: Law Enforcement

**WILLIAMS COUNTY --- 0.5 E TRENTON [48.07, -103.84], 1.7 WSW TRENTON [48.06, -103.88], 2.3 SSW TRENTON [48.04, -103.86], 1.6 ESE TRENTON [48.06, -103.82]**

	06/25/15 20:42 CST		0.50M	Flash Flood (due to Heavy Rain)
	06/25/15 22:45 CST		0	Source: Law Enforcement

Over two inches of rain fell in a very short time period and led to flash flooding along parts of North Dakota Highway 1804 southwest of Williston. People were isolated by flood waters and unable to leave their homes at the flood peak. Damage occurred to roads and soil was significantly eroded in several areas.

**A variety of weak short waves moving through the region resulted in multiple thunderstorms developing. Initial storms in the mid-afternoon produced multiple funnel clouds, with large hail developing by late afternoon. The largest hail was quarter size, and reported in Ward and Dunn counties. Flooding started to become a concern in the evening as the slow moving storms became prolific rain producers, particularly over Williams County.**

**LA MOURE COUNTY --- 5.3 SE JUD [46.46, -98.81]**

	06/27/15 15:30 CST		0	Hail (0.75 in)
	06/27/15 15:32 CST		0	Source: Public

**An isolated sub-severe storm over the southern James River Valley produced nickel size hail.**

**MCKENZIE COUNTY --- 30.0 S FAIRVIEW [47.42, -104.04], 35.9 S FAIRVIEW [47.33, -104.03]**

	06/30/15 16:10 MST		0	Tornado (EF1, L: 5.98 mi , W: 50 yd)
	06/30/15 16:25 MST		0	Source: NWS Storm Survey

This tornado crossed the state line from Richland County, Montana, in the National Weather Service Glasgow, Montana, County Warning Area, into McKenzie County, North Dakota. It then crossed into Golden Valley County, North Dakota.

The total path length of the tornado was nearly 17 miles. Nearly five of those miles in Richland County, six in McKenzie County, and just over six in Golden Valley County.

No structures were impacted in North Dakota and for those segments it was rated EF0, however, there was EF1 damage in Montana and so the overall tornado is rated EF1. A 79 year old male was injured in Montana as the mobile home he was in, and another mobile home, was damaged. From the EF1 rating, winds were determined to be around 100 mph with the tornado while it was in Montana, with lower speeds in North Dakota.

See StormData entries for this tornado from Richland County and Golden Valley County .

**MCKENZIE COUNTY --- 0.5 E FAIRVIEW [47.85, -104.02]**

	06/30/15 16:20 MST		0	Hail (1.75 in)
	06/30/15 16:25 MST		0	Source: Trained Spotter

**GOLDEN VALLEY COUNTY --- 5.2 W TROTTERS [47.33, -104.03], 7.3 SW TROTTERS [47.24, -104.02]**

	06/30/15 16:25 MST		0	Tornado (EF1, L: 6.24 mi , W: 50 yd)
	06/30/15 16:43 MST		0	Source: NWS Storm Survey

This tornado crossed the state line from Richland County, Montana, in the National Weather Service Glasgow, Montana, County Warning Area, into McKenzie County, North Dakota. It then crossed into Golden Valley County, North Dakota.

The total path length of the tornado was nearly 17 miles. Nearly five of those miles in Richland County, six in McKenzie County, and just over six in Golden Valley County.

No structures were impacted in North Dakota and for those segments it was rated EF0, however, there was EF1 damage in Montana and so the overall tornado is rated EF1. A 79 year old male was injured in Montana as the mobile home he was in, and another mobile home, was damaged. From the EF1 rating, winds were determined to be around 100 mph with the tornado while it was in Montana, with lower speeds in North Dakota.

See StormData entries for this tornado from Richland County and McKenzie County.

## Storm Data and Unusual Weather Phenomena - June 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>MCKENZIE COUNTY --- 31.1 S FAIRVIEW [47.40, -104.00]</b>				
	06/30/15 16:25 MST		0	Hail (1.00 in)
	06/30/15 16:27 MST		0	Source: Trained Spotter
<b>MCKENZIE COUNTY --- 22.1 S FAIRVIEW [47.53, -104.00]</b>				
	06/30/15 16:38 MST		0	Hail (0.75 in)
	06/30/15 16:40 MST		0	Source: Trained Spotter
<b>GOLDEN VALLEY COUNTY --- 11.1 N BEACH MUNI ARPT [47.09, -104.00]</b>				
	06/30/15 17:00 MST		0	Thunderstorm Wind (EG 52 kt)
	06/30/15 17:03 MST		0	Source: Public
Thunderstorm wind gusts up to 60 mph were reported by the public.				
<b>SLOPE COUNTY --- 16.2 W AMIDON [46.48, -103.66]</b>				
	06/30/15 17:08 MST		0	Hail (3.75 in)
	06/30/15 17:10 MST		0	Source: Law Enforcement
<b>SLOPE COUNTY --- 11.8 SW AMIDON [46.37, -103.51]</b>				
	06/30/15 17:38 MST		0	Hail (0.75 in)
	06/30/15 17:41 MST		0	Source: Emergency Manager
<b>BOWMAN COUNTY --- 0.8 NW GRIFFIN [46.23, -103.54]</b>				
	06/30/15 17:45 MST		0	Funnel Cloud
	06/30/15 17:47 MST		0	Source: Trained Spotter
<b>BOWMAN COUNTY --- 1.9 W BOWMAN ARPT [46.18, -103.46]</b>				
	06/30/15 17:54 MST		0	Hail (1.75 in)
	06/30/15 17:55 MST		0	Source: Trained Spotter
<b>MCKENZIE COUNTY --- 0.9 N WATFORD CITY [47.81, -103.28]</b>				
	06/30/15 17:55 MST		0.25M	Thunderstorm Wind (EG 70 kt)
	06/30/15 18:00 MST		0	Source: Trained Spotter
Two trailers of around 50 feet in length were turned over one mile north of Watford City. One trailer was moved 150 feet. In the Watford City area, a pole barn was destroyed. The debris from the barn was lifted and thrown a thousand feet.				
<b>BOWMAN COUNTY --- 0.5 E BOWMAN [46.18, -103.39]</b>				
	06/30/15 17:58 MST		0	Hail (1.75 in)
	06/30/15 18:00 MST		0	Source: Emergency Manager
<b>BOWMAN COUNTY --- 13.8 S BOWMAN ARPT [45.98, -103.42], 13.6 W HALEY [45.95, -103.40]</b>				
	06/30/15 18:24 MST		0.17M	Tornado (EF1, L: 2.60 mi, W: 80 yd)
	06/30/15 18:30 MST		75K	Source: Storm Chaser
This tornado crossed the state line from Bowman County, North Dakota, into Harding County, South Dakota, in the National Weather Service Rapid City County Warning Area.				
The total path length of the tornado was nearly four miles. In Bowman County it was on the ground for a little more than two and a half miles and in Harding County for about a mile and a quarter.				
In North Dakota the tornado did damage on a farm near 45.96 north latitude and 103.41 west longitude, about one mile north of the county and state line. On that farm outbuildings and fences were damaged and trees were uprooted. The farm house had shingles torn from the roof. Also, 21 wooden power poles were damaged to varying degree. The tornado damage corresponded to higher end EF1 and from that wind speeds were estimated to be around 105 mph. In South Dakota the tornado impacted no structures and for that segment it was rated EF0, with lower wind speeds. The overall tornado is rated EF1.				
See StormData entries for this tornado from Harding County.				
<b>BOWMAN COUNTY --- 4.3 NNW HALEY [46.03, -103.14]</b>				

## Storm Data and Unusual Weather Phenomena - June 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/30/15 18:30 MST		0	Hail (1.00 in)
	06/30/15 18:35 MST		0	Source: Trained Spotter
<hr/>				
<b>DUNN COUNTY --- 18.1 NNW KILLDEER [47.59, -102.98]</b>				
	06/30/15 18:30 MST		10K	Thunderstorm Wind (EG 65 kt)
	06/30/15 18:33 MST		0	Source: Public
<hr/>				
Several large trees were downed.				
<hr/>				
<b>SLOPE COUNTY --- 3.3 W AMIDON [46.48, -103.39]</b>				
	06/30/15 18:34 MST		0	Hail (1.00 in)
	06/30/15 18:37 MST		0	Source: Emergency Manager
<hr/>				
<b>SLOPE COUNTY --- AMIDON [46.48, -103.32]</b>				
	06/30/15 18:51 MST		0	Hail (1.00 in)
	06/30/15 18:53 MST		0	Source: Trained Spotter
<hr/>				
<b>GRANT COUNTY --- 7.6 S LEITH [46.24, -101.64]</b>				
	06/30/15 21:00 MST		0	Hail (1.00 in)
	06/30/15 21:04 MST		0	Source: Trained Spotter
<hr/>				
<b>GRANT COUNTY --- 3.1 NNE HEIL [46.42, -101.67]</b>				
	06/30/15 21:07 MST		0	Thunderstorm Wind (EG 52 kt)
	06/30/15 21:09 MST		0	Source: Law Enforcement

Law enforcement estimated strong thunderstorm wind gusts near Carson.

**A Surface trough and associated frontal boundary extended across southeast Montana into southwest North Dakota. The initial thunderstorms formed over eastern Montana and moved into west central North Dakota. The majority of damage was done by four distinct storms.**