

Storm Data and Unusual Weather Phenomena - June 2024

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
NORTH DAKOTA, Central and West				
LOGAN COUNTY --- 2.9 N BURNSTAD [46.42, -99.62], 3.0 NNE BURNSTAD [46.42, -99.61]				
	06/02/24 13:39 CST		0	Tornado (EF0, L: 0.56 mi , W: 50 yd)
	06/02/24 13:42 CST		0	Source: Public
The tornado touched down in an open field north of Burnstad and impacted no structures. There was no damage to evaluate. By National Weather Service policy the tornado is rated EFU (Unknown).				
STUTSMAN COUNTY --- 5.5 S WOODWORTH [47.07, -99.30], 5.2 SSE WOODWORTH [47.08, -99.27]				
	06/02/24 13:48 CST		0	Tornado (EF0, L: 1.52 mi , W: 250 yd)
	06/02/24 13:59 CST		0	Source: Public
The tornado touched down in an open field south of Woodworth and impacted no structures . There was no damage to evaluate. By National Weather Service policy the tornado is rated EFU (Unknown).				
MCINTOSH COUNTY --- 10.5 N ZEELAND [46.12, -99.80]				
	06/02/24 14:00 CST		0	Hail (1.00 in)
	06/02/24 14:02 CST		0	Source: Trained Spotter
STUTSMAN COUNTY --- 1.2 SW WOODWORTH [47.14, -99.32]				
	06/02/24 14:00 CST		0	Hail (1.00 in)
	06/02/24 14:03 CST		0	Source: Public
SHERIDAN COUNTY --- 0.7 N GOODRICH [47.48, -100.12]				
	06/02/24 14:23 CST		0	Hail (1.50 in)
	06/02/24 14:27 CST		0	Source: Trained Spotter
LOGAN COUNTY --- 6.2 E BURNSTAD [46.39, -99.49]				
	06/02/24 14:30 CST		0	Hail (1.00 in)
	06/02/24 14:33 CST		0	Source: Trained Spotter
STUTSMAN COUNTY --- 4.3 SSW WOODWORTH [47.09, -99.32]				
	06/02/24 14:30 CST		0	Hail (2.00 in)
	06/02/24 14:33 CST		0	Source: Trained Spotter
ADAMS COUNTY --- 19.3 ENE HAYNES [46.12, -102.13]				
	06/02/24 15:00 MST		1K	Thunderstorm Wind (EG 50 kt)
	06/02/24 15:05 MST		5K	Source: Public
Wind combined with one-inch diameter hail to shred leaves on trees and cause minor crop damage. See the hail entry from this location 1501-1504 MST.				
ADAMS COUNTY --- 18.1 NE HAYNES [46.12, -102.16]				
	06/02/24 15:01 MST		0	Hail (1.00 in)
	06/02/24 15:04 MST		0	Source: Public
See the thunderstorm wind entry from this location 1500-1505 MST.				
STUTSMAN COUNTY --- 2.5 WNW (JMS)JAMESTOWN MUNI [46.95, -98.73], 1.5 SE STATE HOSPITAL [46.86, -98.65]				
	06/02/24 16:50 CST		0.60M	Hail (1.50 in)
	06/02/24 17:03 CST		0	Source: Public
Large hail combined with strong wind gusts to cause damage to homes and vehicles through the city of Jamestown.				
STUTSMAN COUNTY --- 1.2 NE STATE HOSPITAL [46.89, -98.65]				
	06/02/24 16:56 CST		0	Thunderstorm Wind (MG 76 kt)
	06/02/24 16:59 CST		0	Source: Mesonet

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
STUTSMAN COUNTY --- 3.0 WNW (JMS)JAMESTOWN MUNI [46.94, -98.74], 1.4 NE (JMS)JAMESTOWN MUNI [46.94, -98.66], 0.8 ESE STATE HOSPITAL [46.88, -98.65], 3.0 WSW JAMESTOWN [46.88, -98.76]				
	06/02/24 17:15 CST		0.50M	Flash Flood (due to Heavy Rain)
	06/02/24 19:15 CST		0.15M	Source: Trained Spotter
<p>Between three and five inches of rain fell in the Jamestown area leading to flash flooding in and around the city. Streets had running water, several feet deep in some cases, stranding vehicles. Low areas became flooded. The local viaduct was closed due to deep water. Multiple fields outside of Jamestown were also flooded causing crop damage.</p>				
STUTSMAN COUNTY --- 4.8 NNW MEDINA [46.94, -99.35], 2.5 N WINDSOR [46.94, -99.04], 5.4 S WINDSOR [46.82, -99.04], 3.1 SSW MEDINA [46.84, -99.34]				
	06/02/24 17:15 CST		25K	Flood (due to Heavy Rain)
	06/02/24 20:15 CST		0	Source: Emergency Manager
<p>Heavy rain of three to five inches fell on southwest Stutsman County, causing flooding of low lying areas. Interstate 94 was closed for a period of time near Cleveland as water covered the road and some vehicles hydroplaned and went into the ditch.</p>				
STUTSMAN COUNTY --- 1.2 NW SPIRITWOOD [46.94, -98.52]				
	06/02/24 17:30 CST		0	Hail (1.00 in)
	06/02/24 17:32 CST		0	Source: Trained Spotter
STUTSMAN COUNTY --- MONTPELIER [46.70, -98.58]				
	06/02/24 18:10 CST		50K	Thunderstorm Wind (EG 61 kt)
	06/02/24 18:13 CST		0	Source: COOP Observer
<p>Numerous tree limbs were down in Montpelier, some up to four inches in diameter.</p>				
LA MOURE COUNTY --- 3.4 NW MARION [46.64, -98.37], 5.1 SE MARION [46.54, -98.26]				
	06/02/24 18:12 CST		1M	Thunderstorm Wind (EG 78 kt)
	06/02/24 18:25 CST		0	Source: Emergency Manager
<p>Thunderstorm winds in the Marion area caused extensive damage, especially to the grain handling complex in the city of Marion. Two large steel grain bins became detached from their footings, with one moving about 100 yards. The top of the grain elevator which contained the distribution portion of the grain moving legs was blown off. Multiple roofs were damaged, spruce trees were uprooted, and power lines broken. The loss of power led to a secondary impact with sump pumps shutting down and basements taking on water.</p>				
LA MOURE COUNTY --- 8.3 ESE MARION [46.55, -98.17]				
	06/02/24 18:36 CST		0	Thunderstorm Wind (MG 71 kt)
	06/02/24 18:38 CST		0	Source: Public
OLIVER COUNTY --- 6.6 NW HANNOVER [47.18, -101.54]				
	06/02/24 20:40 CST		0	Hail (1.00 in)
	06/02/24 20:42 CST		0	Source: Public
<p>Thunderstorms developed during the afternoon and evening hours as an inverted surface trough, extending from low pressure in western South Dakota, and a warm front, extending from far south central North Dakota into the James River Valley, moved through. The initial severe storms produced tornadoes in Logan County and in Stutsman County. Both tornadoes touched down in open fields and impacted no structures. Both were rated EFU (Unknown) by National Weather Service policy as there was no damage to evaluate. Hail then became the main threat with the largest hail of two inches in diameter falling near Woodworth. Later in the event strong thunderstorm winds and torrential rain became the main threats over the James River Valley. The city of Jamestown was hit by hail, high winds and three to five inches of rain, causing flash flooding. There was also flooding along Interstate 94 west of Jamestown, in Stutsman County. In Jamestown, streets and parking lots were flooded with several feet of water, stranding motorists. In and around the city of Marion, thunderstorm wind gusts estimated at 90 mph caused damage to the local elevator, dislodged two large grain bins, and caused home and tree damage.</p>				
ADAMS COUNTY --- 4.3 NE REEDER [46.16, -102.88]				
	06/03/24 16:25 MST		0	Hail (1.00 in)
	06/03/24 16:27 MST		0	Source: Trained Spotter
SIOUX COUNTY --- 49.6 W SELFRIDGE [45.97, -101.96]				
	06/03/24 18:10 MST		0	Thunderstorm Wind (EG 52 kt)
	06/03/24 18:13 MST		0	Source: Public

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Thunderstorm winds were estimated by the public.

A trough moving into the region led to thunderstorms developing, with two becoming severe over southwestern North Dakota. One storm produced one-inch diameter hail near Reeder in Adams County, while another produced 60 mph wind gusts in far southwestern Sioux County.

WILLIAMS COUNTY --- 4.2 S MC GREGOR [48.54, -102.94]

06/14/24 16:40 CST			50K	Hail (1.50 in)
06/14/24 16:42 CST			0	Source: Public

Vehicles and roofs were damaged.

Thunderstorms developed as a short-wave trough moved towards North Dakota. One thunderstorm became severe over Williams County, producing ping pong ball size hail.

SLOPE COUNTY --- 21.2 ENE AMIDON [46.63, -102.93]

06/15/24 17:15 MST			0	Hail (1.00 in)
06/15/24 17:18 MST			0	Source: Public

STARK COUNTY --- 11.0 ESE LEFOR [46.63, -102.33]

06/15/24 18:28 MST			0	Hail (1.50 in)
06/15/24 18:30 MST			0	Source: Public

GRANT COUNTY --- 18.7 NNW ELGIN [46.65, -102.00]

06/15/24 18:30 MST			0	Hail (1.75 in)
06/15/24 18:33 MST			0	Source: Public

HETTINGER COUNTY --- 16.9 NNE BURT [46.61, -102.08]

06/15/24 18:50 MST			0	Hail (2.50 in)
06/15/24 18:54 MST			0	Source: Public

GRANT COUNTY --- 15.5 N ELGIN [46.62, -101.91]

06/15/24 19:24 MST			40K	Hail (1.50 in)
06/15/24 19:27 MST			0	Source: Public

Hail fell at a campground at Lake Tschida causing damage to campers.

MCKENZIE COUNTY --- 1.5 NNE ALEXANDER [47.87, -103.64]

06/15/24 20:05 MST			0	Thunderstorm Wind (MG 72 kt)
06/15/24 20:08 MST			0	Source: Public

MCKENZIE COUNTY --- 4.9 N CHARBONNEAU [47.92, -103.79]

06/15/24 20:05 MST			0	Thunderstorm Wind (MG 54 kt)
06/15/24 20:08 MST			0	Source: Mesonet

MCKENZIE COUNTY --- 3.1 WSW ARNEGARD [47.80, -103.49]

06/15/24 20:40 MST			0	Thunderstorm Wind (MG 50 kt)
06/15/24 20:42 MST			0	Source: Mesonet

MCKENZIE COUNTY --- 2.1 S WATFORD CITY [47.77, -103.28]

06/15/24 20:45 MST			0	Thunderstorm Wind (MG 55 kt)
06/15/24 20:47 MST			0	Source: Public

MCKENZIE COUNTY --- 4.7 SW CHARLSON [48.02, -102.94]

06/15/24 20:53 MST			0	Thunderstorm Wind (MG 55 kt)
06/15/24 20:56 MST			0	Source: Mesonet

WILLIAMS COUNTY --- 3.5 N RAY [48.40, -103.17]

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	06/15/24 21:32 CST		0	Thunderstorm Wind (MG 52 kt)
	06/15/24 21:34 CST		0	Source: Mesonet
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WILLIAMS COUNTY --- 3.5 N RAY [48.40, -103.17]				
	06/15/24 22:12 CST		0	Thunderstorm Wind (MG 59 kt)
	06/15/24 22:15 CST		0	Source: Public
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WILLIAMS COUNTY --- 0.9 E TIOGA [48.40, -102.91]				
	06/15/24 22:27 CST		0	Thunderstorm Wind (MG 56 kt)
	06/15/24 22:30 CST		0	Source: Public
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WILLIAMS COUNTY --- 2.0 SE TIOGA [48.38, -102.90]				
	06/15/24 22:35 CST		0	Thunderstorm Wind (MG 56 kt)
	06/15/24 22:38 CST		0	Source: AWOS
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MOUNTRAIL COUNTY --- 7.2 ENE EPWORTH [48.15, -102.07]				
	06/15/24 22:43 CST		0	Thunderstorm Wind (MG 66 kt)
	06/15/24 22:45 CST		0	Source: Mesonet
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BURKE COUNTY --- 8.0 SSW COTEAU [48.65, -102.41]				
	06/15/24 22:57 CST		0	Thunderstorm Wind (MG 51 kt)
	06/15/24 22:59 CST		0	Source: Mesonet
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RENVILLE COUNTY --- 2.0 WSW MOHALL [48.76, -101.54]				
	06/15/24 23:00 CST		0	Hail (1.00 in)
	06/15/24 23:03 CST		0	Source: Public
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WARD COUNTY --- 1.5 SSE (MOT)MINOT INTL ARPT [48.25, -101.27]				
	06/15/24 23:22 CST		0	Thunderstorm Wind (MG 65 kt)
	06/15/24 23:24 CST		0	Source: ASOS
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MERCER COUNTY --- 6.4 NNE GOLDEN VLY [47.37, -102.04]				
	06/15/24 23:29 CST		0	Thunderstorm Wind (MG 64 kt)
	06/15/24 23:31 CST		0	Source: Public
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WARD COUNTY --- 2.0 W MINOT [48.24, -101.32], 1.0 E MINOT [48.23, -101.26]				
	06/15/24 23:30 CST		75K	Thunderstorm Wind (EG 61 kt)
	06/15/24 23:42 CST		0	Source: Public
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Strong thunderstorm winds in the Minot area downed tree branches and caused some shingle damage.				
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RENVILLE COUNTY --- 6.1 WNW MOHALL [48.79, -101.63]				
	06/15/24 23:43 CST		0	Hail (1.00 in)
	06/15/24 23:45 CST		0	Source: Public
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MERCER COUNTY --- 7.4 WSW PICK CITY [47.47, -101.61]				
	06/15/24 23:46 CST		0	Thunderstorm Wind (MG 53 kt)
	06/15/24 23:48 CST		0	Source: Mesonet
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BOTTINEAU COUNTY --- 11.1 NNE BOTTINEAU ARPT [48.98, -100.35]				
	06/15/24 23:59 CST		0.15M	Thunderstorm Wind (EG 65 kt)
	06/16/24 00:10 CST		0	Source: Broadcast Media
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The Metigoshe Drive In building was severely damaged by thunderstorm wind gusts with the front awning and much of the roof completely torn off.				
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ROLETTE COUNTY --- 1.1 NW BELCOURT [48.84, -99.75]				
	06/16/24 00:32 CST		0.13M	Thunderstorm Wind (EG 70 kt)
	06/16/24 00:40 CST		0	Source: Emergency Manager

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Strong thunderstorm winds damaged playground equipment, knocked over some trees, severely damaged a home, blew a shed down, and pushed two dumpsters.				
BURLEIGH COUNTY --- 5.9 NW BISMARCK [46.86, -100.86]				
	06/16/24 01:09 CST		1K	Thunderstorm Wind (EG 61 kt)
	06/16/24 01:15 CST		0	Source: Broadcast Media
Large tree limbs were blown down.				
Thunderstorms developed during the afternoon and evening hours as a surface trough and upper level short wave trough moved through the area. Some of the storms became severe with the initial threat being large hail, with the largest hail the size of tennis balls in Hettinger County to the west of Lake Tschida. Later in the event, damaging wind gusts became the main concern. The greatest reported damage was in the Turtle Mountains region of north central North Dakota, where a movie drive in restaurant was severely damaged near Lake Metigoshie, and near Belcourt where a home, playground equipment, and trees were damaged.				
MCLEAN COUNTY --- 0.5 W GARRISON [47.65, -101.43]				
	06/17/24 20:04 CST		0	Thunderstorm Wind (MG 51 kt)
	06/17/24 20:06 CST		0	Source: ASOS
MCLEAN COUNTY --- 1.5 SSW COLEHARBOR [47.53, -101.23]				
	06/17/24 20:30 CST		0	Thunderstorm Wind (MG 58 kt)
	06/17/24 20:32 CST		0	Source: Mesonet
MERCER COUNTY --- 5.9 SE STANTON [47.26, -101.29]				
	06/17/24 20:30 CST		0	Thunderstorm Wind (EG 56 kt)
	06/17/24 20:32 CST		0	Source: Public
Thunderstorm wind gusts were estimated by the public.				
MERCER COUNTY --- 0.7 N STANTON [47.33, -101.38]				
	06/17/24 20:50 CST		0	Thunderstorm Wind (MG 58 kt)
	06/17/24 20:54 CST		0	Source: Mesonet
SHERIDAN COUNTY --- 5.0 SE MCCLUSKY [47.42, -100.39]				
	06/17/24 21:29 CST		0	Hail (1.00 in)
	06/17/24 21:31 CST		0	Source: Trained Spotter
Thunderstorm wind gusts were estimated by a trained spotter.				
STUTSMAN COUNTY --- 0.5 E (JMS)JAMESTOWN MUNI [46.93, -98.67]				
	06/18/24 00:09 CST		0	Thunderstorm Wind (MG 52 kt)
	06/18/24 00:13 CST		0	Source: ASOS
MCINTOSH COUNTY --- 22.7 ENE DANZIG [46.27, -99.04]				
	06/18/24 00:15 CST		0	Thunderstorm Wind (MG 52 kt)
	06/18/24 00:17 CST		0	Source: Mesonet
STUTSMAN COUNTY --- 0.8 NW YPSILANTI [46.79, -98.56]				
	06/18/24 00:20 CST		0	Thunderstorm Wind (EG 52 kt)
	06/18/24 00:23 CST		0	Source: Public
Thunderstorm wind gusts were estimated by the public.				
LA MOURE COUNTY --- 2.8 S MARION [46.56, -98.33]				
	06/18/24 00:50 CST		0	Thunderstorm Wind (MG 50 kt)
	06/18/24 00:53 CST		0	Source: Mesonet
LA MOURE COUNTY --- 6.9 N VERONA [46.47, -98.07]				
	06/18/24 00:57 CST		8K	Thunderstorm Wind (MG 58 kt)
	06/18/24 00:59 CST		0	Source: Public

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Shingles were damaged by the wind.				
LA MOURE COUNTY --- 0.8 SW VERONA [46.36, -98.08]				
	06/18/24 01:10 CST		0	Thunderstorm Wind (MG 68 kt)
	06/18/24 01:14 CST		0	Source: Mesonet
LA MOURE COUNTY --- 3.1 SSW LA MOURE [46.31, -98.33]				
	06/18/24 01:20 CST		25K	Thunderstorm Wind (EG 70 kt)
	06/18/24 01:25 CST		0	Source: Emergency Manager
Multiple power poles were broken by the thunderstorm wind gusts.				
LA MOURE COUNTY --- 4.7 SE LA MOURE [46.31, -98.22]				
	06/18/24 01:20 CST		0.12M	Thunderstorm Wind (EG 78 kt)
	06/18/24 01:28 CST		0	Source: Emergency Manager
Two center-pivot irrigation systems were blown over and damaged by thunderstorm wind gusts.				
<p>A series of short-wave troughs moving through the region led to thunderstorms developing. Some of the storms became severe over central North Dakota into the James River Valley, with the main threat being strong wind gusts. The most notable damage occurred in the LaMoure area of LaMoure County where estimated gusts to 90 mph tipped over two center-pivot irrigation systems and broke multiple power poles. There was one report of large hail, which was one inch in diameter and fell near McClusky in Sheridan County.</p>				
GOLDEN VALLEY COUNTY --- 2.8 S GOLVA [46.69, -103.97]				
	06/22/24 15:45 MST		0	Hail (1.00 in)
	06/22/24 15:48 MST		0	Source: Public
SLOPE COUNTY --- 16.9 WNW AMIDON [46.55, -103.66]				
	06/22/24 16:07 MST		0	Thunderstorm Wind (MG 60 kt)
	06/22/24 16:09 MST		0	Source: Mesonet
SLOPE COUNTY --- 11.7 SSE AMIDON [46.32, -103.24]				
	06/22/24 17:05 MST		0	Thunderstorm Wind (EG 52 kt)
	06/22/24 17:08 MST		0	Source: Public
Thunderstorm wind gusts were estimated by the public.				
ADAMS COUNTY --- 1.4 N HAYNES [45.99, -102.47]				
	06/22/24 18:06 MST		0	Hail (1.00 in)
	06/22/24 18:08 MST		0	Source: Public
<p>Thunderstorms developed over North Dakota as an upper-level trough passed though the Northern Plains. A few of the storms became severe over southwestern North Dakota, producing large hail and high winds. The strongest wind gust reported was 69 mph which occurred near Davis Dam in Slope County, while the largest hail was one inch in diameter and occurred in Adams County near Haynes, and in Golden Valley County near Golva.</p>				
BURKE COUNTY --- 6.2 N COLUMBUS [48.99, -102.78]				
	06/23/24 23:54 CST		0	Hail (1.75 in)
	06/23/24 23:56 CST		0	Source: Public
BURKE COUNTY --- 0.5 W FLAXTON [48.90, -102.39]				
	06/24/24 00:21 CST		8K	Thunderstorm Wind (EG 65 kt)
	06/24/24 00:26 CST		0	Source: Public
Four trees blew over on a property with many trees.				
BURKE COUNTY --- 8.2 E NORTHGATE [48.99, -102.09]				
	06/24/24 00:37 CST		15K	Thunderstorm Wind (EG 70 kt)
	06/24/24 00:43 CST		0	Source: Public
Three large trees were blown down around the house, with additional trees down around the remainder of the property.				

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BURKE COUNTY --- 9.9 NE BOWBELLS [48.88, -102.07]				
	06/24/24 00:40 CST		0.10M	Hail (1.75 in)
	06/24/24 00:46 CST		50K	Source: Public
Hail combined with wind to cause crop damage. Buildings were also damaged, along with trees.				
RENVILLE COUNTY --- 4.2 NNE TOLLEY [48.79, -101.80]				
	06/24/24 01:02 CST		0	Hail (1.00 in)
	06/24/24 01:05 CST		0	Source: Public
RENVILLE COUNTY --- 2.1 N MOHALL [48.80, -101.50]				
	06/24/24 01:19 CST		1K	Thunderstorm Wind (EG 52 kt)
	06/24/24 01:22 CST		0	Source: Trained Spotter
Some tree branches were down.				
BURKE COUNTY --- 5.8 NE BOWBELLS [48.86, -102.16]				
	06/24/24 02:13 CST		0	Hail (1.75 in)
	06/24/24 02:15 CST		0	Source: Trained Spotter
Thunderstorms moved into northwest and north central North Dakota from Saskatchewan during the late night and early morning hours, with some storms being or becoming severe. Hail to the size of golf balls was reported around the Columbus and Bowbells areas, resulting in crop and property damage. Severe thunderstorm winds also occurred with some storms, with the strongest wind gust estimated at 80 mph near Northgate in Burke County where multiple trees were blown over.				
GOLDEN VALLEY COUNTY --- 1.7 SE TROTTERS [47.30, -103.90]				
	06/27/24 15:00 MST		0	Hail (1.00 in)
	06/27/24 15:03 MST		0	Source: Public
GOLDEN VALLEY COUNTY --- 8.9 SSE TROTTERS [47.21, -103.82], 9.5 SSE TROTTERS [47.20, -103.81]				
	06/27/24 15:38 MST		0	Tornado (EF0, L: 0.57 mi , W: 50 yd)
	06/27/24 15:41 MST		0	Source: Trained Spotter
The tornado touched down in an open field southeast of Trotters and impacted no structures . There was no damage to evaluate. By National Weather Service policy the tornado is rated EFU (Unknown).				
GOLDEN VALLEY COUNTY --- 1.2 NE BEACH [46.93, -103.98]				
	06/27/24 16:41 MST		0	Thunderstorm Wind (MG 76 kt)
	06/27/24 16:45 MST		0	Source: AWOS
SLOPE COUNTY --- 3.6 NNW MARMARTH [46.35, -103.92]				
	06/27/24 16:45 MST		0	Thunderstorm Wind (MG 52 kt)
	06/27/24 16:47 MST		0	Source: Mesonet
BILLINGS COUNTY --- 3.6 SSE FAIRFIELD [47.13, -103.20]				
	06/27/24 16:50 MST		0	Hail (1.25 in)
	06/27/24 16:53 MST		0	Source: Trained Spotter
STARK COUNTY --- 11.8 S BELFIELD [46.71, -103.19]				
	06/27/24 16:50 MST		0	Hail (1.00 in)
	06/27/24 16:53 MST		0	Source: Public
SLOPE COUNTY --- 18.9 WNW AMIDON [46.56, -103.70]				
	06/27/24 16:52 MST		0	Thunderstorm Wind (MG 70 kt)
	06/27/24 16:54 MST		0	Source: Mesonet
STARK COUNTY --- 13.8 S BELFIELD [46.68, -103.20]				
	06/27/24 17:02 MST		0.10M	Hail (1.50 in)
	06/27/24 17:05 MST		75K	Source: Public

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Hail combined with wind to dent tin on building roofs and shred window screens. In addition, crops were also damaged.				
BOWMAN COUNTY --- 3.4 W BUFFALO SPGS [46.17, -103.30]				
	06/27/24 17:10 MST		0	Thunderstorm Wind (MG 59 kt)
	06/27/24 17:12 MST		0	Source: AWOS
BILLINGS COUNTY --- 2.5 NE FRYBURG [46.90, -103.29]				
	06/27/24 17:20 MST		0	Thunderstorm Wind (MG 55 kt)
	06/27/24 17:22 MST		0	Source: Mesonet
BILLINGS COUNTY --- 3.6 SSW FAIRFIELD [47.13, -103.24]				
	06/27/24 17:27 MST		0	Thunderstorm Wind (MG 53 kt)
	06/27/24 17:30 MST		0	Source: Public
SLOPE COUNTY --- 17.0 ENE AMIDON [46.53, -102.97]				
	06/27/24 17:32 MST		0	Thunderstorm Wind (MG 50 kt)
	06/27/24 17:34 MST		0	Source: Mesonet
STARK COUNTY --- 5.4 WSW (DIK)DICKINSON MUNI [46.78, -102.91]				
	06/27/24 17:38 MST		25K	Thunderstorm Wind (EG 70 kt)
	06/27/24 17:41 MST		0	Source: Public
A trailer was flipped upside down, toward the east, and damaged.				
STARK COUNTY --- 7.0 S SOUTH HEART [46.77, -103.02], 7.1 S SOUTH HEART [46.77, -103.01]				
	06/27/24 17:38 MST		0	Tornado (EF0, L: 0.54 mi , W: 50 yd)
	06/27/24 17:40 MST		0	Source: Public
The tornado touched down in an open field southwest of South Heart and impacted no structures. There was no damage to evaluate. By National Weather Service policy the tornado is rated EFU (Unknown).				
HETTINGER COUNTY --- 1.2 NW NEW ENGLAND [46.54, -102.87]				
	06/27/24 17:40 MST		20K	Thunderstorm Wind (EG 61 kt)
	06/27/24 17:42 MST		0	Source: Public
A large tree split and part of it fell onto a house.				
STARK COUNTY --- (DIK)DICKINSON MUNI [46.80, -102.80]				
	06/27/24 17:48 MST		0	Thunderstorm Wind (MG 77 kt)
	06/27/24 17:51 MST		0	Source: ASOS
STARK COUNTY --- 1.4 N DICKINSON [46.90, -102.78]				
	06/27/24 17:48 MST		30K	Thunderstorm Wind (EG 70 kt)
	06/27/24 17:52 MST		0	Source: Public
A tree fell onto a house.				
STARK COUNTY --- 4.5 ENE (DIK)DICKINSON MUNI [46.82, -102.71]				
	06/27/24 17:48 MST		2K	Thunderstorm Wind (EG 78 kt)
	06/27/24 17:52 MST		0	Source: Public
A tree snapped at its base and fell over.				
ADAMS COUNTY --- HETTINGER ARPT [46.02, -102.65]				
	06/27/24 18:10 MST		0	Thunderstorm Wind (MG 57 kt)
	06/27/24 18:13 MST		0	Source: ASOS
STARK COUNTY --- GLADSTONE [46.87, -102.55]				

Storm Data and Unusual Weather Phenomena - June 2024

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/27/24 18:10 MST		0	Thunderstorm Wind (MG 66 kt)
	06/27/24 18:13 MST		0	Source: Mesonet

Thunderstorms developed as surface low pressure deepened over eastern Montana and a warm front lifted through North Dakota. The main threat from the storms was damaging winds, with the strongest winds of 90 mph occurring in Stark County. Buildings, trees, and crops were damaged. Two tornadoes were reported, with one near Trotters in Golden Valley County and the other near South Heart in Stark County. Both tornadoes occurred in open fields with no damage to evaluate, and so were rated EFU (Unknown) by National Weather Service policy. Although damaging winds were the main threat, some large hail did occur. The largest hail was the size of ping pong balls, and fell in Stark County.