

## Storm Data and Unusual Weather Phenomena - August 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>NORTH DAKOTA, Central and West</b>				
<b>SIOUX COUNTY --- 19.8 WSW SELFRIDGE [45.96, -101.33]</b>				
	08/01/23 13:55 MST		30K	Hail (1.00 in)
	08/01/23 13:58 MST		0	Source: Public
Large amount of one-inch diameter hail caused significant dents on a garage door and shattered a window on a home.				
<b>MCKENZIE COUNTY --- 11.4 WNW CHARLSON [48.11, -103.11]</b>				
	08/01/23 15:25 MST		3K	Thunderstorm Wind (EG 70 kt)
	08/01/23 15:29 MST		0	Source: Public
A large tree was blown down and uprooted.				
<b>MCKENZIE COUNTY --- 18.1 N CHARBONNEAU [48.11, -103.72]</b>				
	08/01/23 15:47 MST		0	Hail (1.00 in)
	08/01/23 15:50 MST		0	Source: Law Enforcement
<b>WILLIAMS COUNTY --- 0.5 W EPPING [48.28, -103.36]</b>				
	08/01/23 16:02 CST		0	Hail (1.50 in)
	08/01/23 16:06 CST		0	Source: Public
<b>WILLIAMS COUNTY --- 11.6 SSE WHEELLOCK [48.16, -103.11]</b>				
	08/01/23 16:20 CST		0	Thunderstorm Wind (MG 54 kt)
	08/01/23 16:24 CST		0	Source: Mesonet
<b>WILLIAMS COUNTY --- 14.1 SSE RAY [48.18, -103.00]</b>				
	08/01/23 16:24 CST		0	Hail (1.00 in)
	08/01/23 16:27 CST		0	Source: Public
<b>WILLIAMS COUNTY --- 11.6 SSE WHEELLOCK [48.16, -103.11]</b>				
	08/01/23 16:25 CST		0	Thunderstorm Wind (MG 58 kt)
	08/01/23 16:28 CST		0	Source: Mesonet
<b>MCKENZIE COUNTY --- WATFORD CITY [47.80, -103.28]</b>				
	08/01/23 16:37 MST		0	Hail (1.75 in)
	08/01/23 16:41 MST		0	Source: Public
<b>WILLIAMS COUNTY --- 4.3 SW (ISN)SLOULIN FLD WIL [48.14, -103.72]</b>				
	08/01/23 16:41 CST		0	Thunderstorm Wind (EG 52 kt)
	08/01/23 16:44 CST		0	Source: Public
Thunderstorm wind gusts were estimated by the public.				
<b>MCKENZIE COUNTY --- 0.7 N WATFORD CITY [47.81, -103.28]</b>				
	08/01/23 16:42 MST		5K	Thunderstorm Wind (EG 61 kt)
	08/01/23 16:46 MST		0	Source: Public
Large cottonwood tree branches were blown down.				
<b>BURLEIGH COUNTY --- 2.5 WSW BISMARCK [46.79, -100.82]</b>				
	08/01/23 17:05 CST		0	Hail (1.00 in)
	08/01/23 17:09 CST		0	Source: Broadcast Media
<b>MOUNTRAIL COUNTY --- 5.6 S SANISH [47.90, -102.59]</b>				
	08/01/23 17:10 CST		0.10M	Thunderstorm Wind (EG 70 kt)
	08/01/23 17:14 CST		0.50M	Source: Emergency Manager

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The end tower of an irrigation pivot was blown over and extensive crop damage occurred.				
<b>MOUNTRAIL COUNTY --- 0.5 W NEW TOWN [47.98, -102.49]</b>				
	08/01/23 17:15 CST	0		Hail (1.00 in)
	08/01/23 17:18 CST	0		Source: Public
<b>DUNN COUNTY --- 12.3 NNE HALLIDAY [47.52, -102.25]</b>				
	08/01/23 17:18 MST	0		Hail (1.25 in)
	08/01/23 17:21 MST	0		Source: Broadcast Media
<b>MOUNTRAIL COUNTY --- 2.5 SE SANISH [47.95, -102.54]</b>				
	08/01/23 17:18 CST	0		Thunderstorm Wind (MG 52 kt)
	08/01/23 17:21 CST	0		Source: Mesonet
<b>MOUNTRAIL COUNTY --- 0.5 W NEW TOWN [47.98, -102.49]</b>				
	08/01/23 17:20 CST	0		Hail (1.75 in)
	08/01/23 17:23 CST	0		Source: Emergency Manager
<b>MOUNTRAIL COUNTY --- 1.6 ESE NEW TOWN ARPT [47.99, -102.45]</b>				
	08/01/23 17:24 CST	0		Hail (1.50 in)
	08/01/23 17:27 CST	0		Source: Public
<b>MORTON COUNTY --- 3.2 ENE MANDAN MUNI ARPT [46.79, -100.84]</b>				
	08/01/23 17:25 CST	0		Hail (1.00 in)
	08/01/23 17:28 CST	0		Source: Broadcast Media
<b>DUNN COUNTY --- 0.9 E KILLDEER [47.37, -102.75]</b>				
	08/01/23 17:37 MST	0		Hail (1.25 in)
	08/01/23 17:40 MST	0		Source: Public
<b>DUNN COUNTY --- 5.1 SW KILLDEER [47.32, -102.85]</b>				
	08/01/23 17:42 MST	0		Hail (1.00 in)
	08/01/23 17:56 MST	0		Source: Trained Spotter
<b>MCLEAN COUNTY --- 9.3 NW RAUB [47.83, -102.21]</b>				
	08/01/23 17:47 CST	0		Hail (1.50 in)
	08/01/23 17:50 CST	0		Source: Public
<b>MCLEAN COUNTY --- 4.0 WSW RAUB [47.73, -102.13]</b>				
	08/01/23 17:59 CST	0		Hail (1.00 in)
	08/01/23 18:04 CST	0		Source: Broadcast Media
<b>DUNN COUNTY --- 0.9 E KILLDEER [47.37, -102.75]</b>				
	08/01/23 18:00 MST	0		Thunderstorm Wind (EG 52 kt)
	08/01/23 18:06 MST	0		Source: Public
Thunderstorm wind gusts were estimated by the public.				
<b>DUNN COUNTY --- 0.8 SE MANNING [47.22, -102.76]</b>				
	08/01/23 18:04 MST	0		Hail (1.50 in)
	08/01/23 18:08 MST	0		Source: Public
<b>MCLEAN COUNTY --- 6.9 S RAUB [47.65, -102.04]</b>				
	08/01/23 18:11 CST	0		Hail (1.75 in)
	08/01/23 18:14 CST	0		Source: Trained Spotter
<b>MCLEAN COUNTY --- 6.4 SSW ROSEGLEN [47.66, -101.86]</b>				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/01/23 18:13 CST		0.50M	Thunderstorm Wind (EG 70 kt)
	08/01/23 18:23 CST		0	Source: Public
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<b>MERCER COUNTY --- 14.2 W PICK CITY [47.49, -101.77], 7.0 W PICK CITY [47.51, -101.62]</b>	08/01/23 18:25 CST		1M	Thunderstorm Wind (EG 83 kt)
	08/01/23 18:40 CST		2.50M	Source: NWS Storm Survey
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In the Beulah Bay area, two homes had parts of their roofs torn off, large trees were uprooted, manufactured homes were damaged, and multiple campers and boats on trailers were flipped. At Hazen Bay, campers were flipped and trees uprooted. Significant crop damage was also observed throughout this area and surrounding areas, with many fields appearing completely flattened suffering total crop loss .				
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<b>STUTSMAN COUNTY --- 5.2 W COURTENAY [47.23, -98.68]</b>	08/01/23 18:25 CST		0	Thunderstorm Wind (MG 63 kt)
	08/01/23 18:28 CST		0	Source: Mesonet
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<b>DUNN COUNTY --- 2.3 NNW EMERSON [47.21, -102.67]</b>	08/01/23 18:30 MST		0	Hail (0.88 in)
	08/01/23 18:34 MST		0	Source: Trained Spotter
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<b>STUTSMAN COUNTY --- 5.2 W COURTENAY [47.23, -98.68]</b>	08/01/23 18:30 CST		0	Thunderstorm Wind (MG 67 kt)
	08/01/23 18:33 CST		0	Source: Mesonet
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<b>STARK COUNTY --- 2.0 NW DICKINSON [46.90, -102.81]</b>	08/01/23 18:38 MST		0	Thunderstorm Wind (MG 66 kt)
	08/01/23 18:42 MST		0	Source: Mesonet
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<b>MERCER COUNTY --- 5.6 N GOLDEN VLY [47.36, -102.05]</b>	08/01/23 18:43 CST		0	Thunderstorm Wind (EG 52 kt)
	08/01/23 18:46 CST		0	Source: Trained Spotter
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Thunderstorm wind gusts were estimated by a trained spotter.				
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<b>MERCER COUNTY --- 2.3 W HAZEN [47.30, -101.68]</b>	08/01/23 18:50 CST		0	Thunderstorm Wind (MG 54 kt)
	08/01/23 18:56 CST		0	Source: Mesonet
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<b>MERCER COUNTY --- 2.4 ESE HAZEN [47.29, -101.58]</b>	08/01/23 18:56 CST		0	Thunderstorm Wind (MG 56 kt)
	08/01/23 19:01 CST		0	Source: AWOS
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<b>MERCER COUNTY --- 8.0 SSW PICK CITY [47.41, -101.52]</b>	08/01/23 18:57 CST		0	Hail (1.00 in)
	08/01/23 18:59 CST		0	Source: Public
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<b>MERCER COUNTY --- 4.2 W STANTON [47.32, -101.47]</b>	08/01/23 18:58 CST		0	Funnel Cloud
	08/01/23 19:01 CST		0	Source: Public
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<b>MERCER COUNTY --- 1.9 W HAZEN [47.30, -101.67]</b>	08/01/23 19:05 CST		0	Thunderstorm Wind (MG 60 kt)
	08/01/23 19:09 CST		0	Source: Mesonet
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<b>MCLEAN COUNTY --- RIVERDALE [47.50, -101.37]</b>	08/01/23 19:08 CST		0	Hail (0.88 in)
	08/01/23 19:10 CST		0	Source: Public

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>MERCER COUNTY --- STANTON [47.32, -101.38]</b>				
	08/01/23 19:08 CST		0	Hail (1.00 in)
	08/01/23 19:11 CST		0	Source: Trained Spotter
<b>MERCER COUNTY --- 0.8 NE HAZEN [47.31, -101.62]</b>				
	08/01/23 19:12 CST		0.15M	Thunderstorm Wind (EG 70 kt)
	08/01/23 19:19 CST		0	Source: Public
Multiple hopper-style grain bins were blown over, with another bin damage. A wooden structure was also damaged.				
<b>MERCER COUNTY --- 0.8 SE HAZEN [47.29, -101.62]</b>				
	08/01/23 19:31 CST		0	Hail (1.50 in)
	08/01/23 19:34 CST		0	Source: Broadcast Media
<b>MERCER COUNTY --- 3.6 WNW STANTON [47.34, -101.45]</b>				
	08/01/23 19:45 CST		0	Hail (1.75 in)
	08/01/23 19:50 CST		0	Source: Public
<b>MCLEAN COUNTY --- 0.8 NW WASHBURN [47.29, -101.03]</b>				
	08/01/23 19:52 CST		0	Hail (1.00 in)
	08/01/23 19:56 CST		0	Source: Public
<b>MERCER COUNTY --- 2.7 ESE HAZEN [47.28, -101.58]</b>				
	08/01/23 19:58 CST		0	Thunderstorm Wind (MG 54 kt)
	08/01/23 20:01 CST		0	Source: AWOS
<b>MCLEAN COUNTY --- 3.5 SE WASHBURN [47.25, -100.96], 3.0 WSW WILTON [47.16, -100.86]</b>				
	08/01/23 20:03 CST		0	Thunderstorm Wind (EG 70 kt)
	08/01/23 20:07 CST		0.50M	Source: Trained Spotter
Multiple sunflower fields between Washburn and Wilton were damaged by the strong winds.				
<b>BURLEIGH COUNTY --- 1.5 SSW WILTON [47.15, -100.81], 1.8 S WILTON [47.14, -100.81]</b>				
	08/01/23 20:04 CST		0	Tornado (EFU, L: 0.44 mi , W: 50 yd)
	08/01/23 20:07 CST		0	Source: Trained Spotter
The tornado touched down in an open field southwest of Wilton and impacted no structures. There was no damage to evaluate and so by National Weather Service policy the tornado is rated EF Unknown.				
<b>BURLEIGH COUNTY --- 2.3 S WILTON [47.14, -100.80]</b>				
	08/01/23 20:05 CST		0	Thunderstorm Wind (EG 70 kt)
	08/01/23 20:15 CST		50K	Source: NWS Employee
A large sunflower field was almost completely flattened by thunderstorm winds.				
<b>MCLEAN COUNTY --- 3.9 SE WASHBURN [47.24, -100.96]</b>				
	08/01/23 20:06 CST		0	Hail (1.00 in)
	08/01/23 20:10 CST		0	Source: Trained Spotter
<b>MCLEAN COUNTY --- 1.6 ESE WILTON [47.16, -100.77]</b>				
	08/01/23 20:07 CST		0	Funnel Cloud
	08/01/23 20:10 CST		0	Source: Public
<b>MORTON COUNTY --- 2.3 NNE SIMS [46.80, -101.48]</b>				
	08/01/23 20:08 CST		0	Thunderstorm Wind (EG 52 kt)
	08/01/23 20:11 CST		0	Source: Trained Spotter
Thunderstorm wind gusts were estimated by a trained spotter.				

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<b>HETTINGER COUNTY --- 2.1 NNE BENTLEY [46.36, -102.06]</b>				
	08/01/23 20:11 MST		0	Thunderstorm Wind (MG 63 kt)
	08/01/23 20:14 MST		0	Source: Mesonet
<p>A short wave trough moved through the region while its affiliated surface boundary moved from southern Saskatchewan and northeast Montana into northwest North Dakota, and continued to move towards the southeast. Thunderstorms along this line intensified greatly as it settled to the southeast into an environment of elevated instability and deep layer shear, with multiple areas of severe weather developing. Well ahead of the line, another distinct area of severe weather developed where storms initiated along various outflow boundaries, particularly when two boundaries intersected. These storms were northerly moving. Eventually, the frontal boundary settled far enough south that all storms became focused along it. Many storms became very intense, especially a long-lived supercell thunderstorm that originally became severe near central Williams County before moving southeast and remaining severe all the way to northern Burleigh County. The most intense damage from this storm was in the Beulah Bay and Hazen Bay areas of northern Mercer County, where parts of roofs were torn off homes, large trees were uprooted, manufactured homes were severely damaged, and some campers and boats were flipped. Winds were estimated to be up to 95 mph. In addition, crops were severely damaged over a widespread area, with many fields flattened and determined to be a total loss. Along with the large hail and severe wind gusts with this episode, there was one tornado near Wilton in Burleigh County. No damage was reported with the tornado and so by National Weather Service policy the tornado is rated EF Unknown.</p>				
<b>WARD COUNTY --- 0.8 SSE (MIB)MINOT AFB [48.42, -101.36]</b>				
	08/10/23 18:19 CST		0	Hail (1.00 in)
	08/10/23 18:22 CST		0	Source: Other Federal Agency
<b>WARD COUNTY --- 0.8 SSE (MIB)MINOT AFB [48.42, -101.36]</b>				
	08/10/23 18:19 CST		0	Thunderstorm Wind (MG 62 kt)
	08/10/23 18:22 CST		0	Source: ASOS
<b>WARD COUNTY --- 2.7 WNW (MIB)MINOT AFB [48.45, -101.42]</b>				
	08/10/23 18:23 CST		0	Hail (1.00 in)
	08/10/23 18:26 CST		0	Source: Trained Spotter
<b>WARD COUNTY --- 3.1 NW (MIB)MINOT AFB [48.46, -101.42]</b>				
	08/10/23 18:26 CST		0	Thunderstorm Wind (EG 52 kt)
	08/10/23 18:29 CST		0	Source: Trained Spotter
Thunderstorm wind gusts were estimated by a trained spotter.				
<b>MCHENRY COUNTY --- 6.4 WNW KONGSBERG [47.88, -100.93]</b>				
	08/10/23 19:30 CST		0	Hail (0.75 in)
	08/10/23 19:32 CST		0	Source: Public
<b>MCLEAN COUNTY --- 9.7 S BUTTE [47.69, -100.67]</b>				
	08/10/23 19:54 CST		0	Hail (0.75 in)
	08/10/23 19:56 CST		0	Source: Public
<p>A series of short-wave troughs moved through the area and interacted with elevated instability and marginal deep layer shear to produce a thunderstorm over far northwest North Dakota. The storm moved southeast into Ward County where it became severe, producing one-inch diameter hail and wind gusts to 71 mph at the Minot Air Force Base. The storm continued to move southeast, producing sub-severe hail over McHenry and McLean counties.</p>				
<b>WARD COUNTY --- 2.0 SW SAWYER [48.06, -101.08]</b>				
	08/23/23 19:31 CST		0	Hail (1.00 in)
	08/23/23 19:33 CST		0	Source: Trained Spotter
A thunderstorm passed through Ward County producing one-inch diameter hail near Sawyer.				
<b>DUNN COUNTY --- 14.9 NNE HALLIDAY [47.55, -102.21]</b>				
	08/24/23 12:34 MST		10K	Thunderstorm Wind (EG 65 kt)
	08/24/23 12:39 MST		0	Source: Public

A window on a truck was broken out and a snowmobile trailer was blown down into a coulee.

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<b>MCHENRY COUNTY --- 4.2 S VOLTAIRE [47.96, -100.82], 4.3 SSE VOLTAIRE [47.96, -100.80]</b>				
	08/24/23 13:38 CST		0	Tornado (EFU, L: 0.80 mi , W: 50 yd)
	08/24/23 13:42 CST		0	Source: Law Enforcement
This tornado, a landspout, touched down in an open field south-southeast of Voltaire and impacted no structures . There was no damage to evaluate and so by National Weather Service policy the tornado is rated EF Unknown . This was the first of two landspout tornadoes in the Voltaire area of McHenry County this day, 12 minutes apart, from two different thunderstorms.				
<b>MCHENRY COUNTY --- 9.0 SW VOLTAIRE [47.93, -100.97], 8.5 SW VOLTAIRE [47.93, -100.96]</b>				
	08/24/23 13:54 CST		0	Tornado (EFU, L: 0.55 mi , W: 50 yd)
	08/24/23 13:56 CST		0	Source: Law Enforcement
This tornado, a landspout, touched down in an open field southwest of Voltaire and impacted no structures . There was no damage to evaluate and so by National Weather Service policy the tornado is rated EF Unknown . This was the second of two landspout tornadoes in the Voltaire area of McHenry County this day, 12 minutes apart, from two different thunderstorms.				
<b>BOTTINEAU COUNTY --- 1.1 NW BOTTINEAU [48.84, -100.45]</b>				
	08/24/23 14:48 CST		0	Hail (1.00 in)
	08/24/23 14:50 CST		0	Source: Trained Spotter
<b>MCHENRY COUNTY --- 1.4 N GRANVILLE [48.29, -100.83]</b>				
	08/24/23 15:30 CST		0	Thunderstorm Wind (EG 52 kt)
	08/24/23 15:35 CST		0	Source: Trained Spotter
Thunderstorm wind gusts were estimated by a trained spotter.				
<b>MERCER COUNTY --- 20.0 S BEULAH [46.98, -101.79]</b>				
	08/24/23 17:08 CST		0	Thunderstorm Wind (EG 52 kt)
	08/24/23 17:11 CST		0	Source: Trained Spotter
Thunderstorm wind gusts were estimated by a trained spotter.				
<b>OLIVER COUNTY --- 1.0 W HANNOVER [47.12, -101.45]</b>				
	08/24/23 17:15 CST		0	Thunderstorm Wind (MG 63 kt)
	08/24/23 17:18 CST		0	Source: Mesonet
<b>OLIVER COUNTY --- 1.5 SSW HANNOVER [47.10, -101.44]</b>				
	08/24/23 17:15 CST		1K	Thunderstorm Wind (MG 63 kt)
	08/24/23 17:19 CST		0	Source: Mesonet
Two-inch diameter tree branches were broken.				
<b>MORTON COUNTY --- 0.5 E NEW SALEM [46.85, -101.41]</b>				
	08/24/23 17:30 CST		0	Thunderstorm Wind (EG 61 kt)
	08/24/23 17:33 CST		0	Source: Trained Spotter
Thunderstorm wind gusts were estimated by a trained spotter.				
<b>OLIVER COUNTY --- 3.1 NE CENTER [47.15, -101.25]</b>				
	08/24/23 17:30 CST		0	Thunderstorm Wind (EG 52 kt)
	08/24/23 17:33 CST		0	Source: Public
Thunderstorm wind gusts were estimated by the public.				
<b>MCLEAN COUNTY --- 0.8 SE WILTON [47.16, -100.79]</b>				
	08/24/23 18:01 CST		5K	Thunderstorm Wind (EG 61 kt)
	08/24/23 18:04 CST		0	Source: Public

A section of fence was destroyed and one inch diameter branches were broken.

**A cold front dropped slowly through North Dakota as an upper level low moved across southern Saskatchewan, with severe**

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thunderstorms developing along and ahead of the front. Along one boundary ahead of the front, in the Voltaire area of McHenry County, two short-lived landspout tornadoes formed. No damage was reported with the tornadoes and so by National Weather Service policy the tornadoes were rated EF Unknown. The tornadoes touched down 12 minutes apart from two different thunderstorms. Otherwise, damaging thunderstorm winds were the main threat with most of the storms, though one storm produced one-inch diameter hail near Bottineau in Bottineau County. The strongest wind gust was estimated to be 75 mph, and occurred near Twin Buttes in Dunn County, where a truck window was broken out and a snowmobile trailer was blown down a coulee.

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

	08/30/23 17:45 MST		0.10M	Hail (1.75 in)
	08/30/23 18:05 MST		0	Source: Trained Spotter

A supercell thunderstorm passed through the Arnegard and surrounding areas, resulting in an extended period of large hail. The largest hail was the size of golf balls. Vehicles were damaged.

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

	08/30/23 19:33 MST		0.20M	Hail (1.75 in)
	08/30/23 19:37 MST		0	Source: Public

Multiple vehicles were damaged.

**GOLDEN VALLEY COUNTY --- 1.2 NE BEACH [46.93, -103.98]**

	08/30/23 19:35 MST		0	Thunderstorm Wind (MG 51 kt)
	08/30/23 19:38 MST		0	Source: AWOS

**STARK COUNTY --- 1.4 N DICKINSON [46.90, -102.78]**

	08/30/23 19:47 MST		0	Hail (1.00 in)
	08/30/23 19:50 MST		0	Source: Trained Spotter

**DUNN COUNTY --- 7.6 S EMERSON [47.07, -102.65]**

	08/30/23 19:51 MST		0	Hail (1.25 in)
	08/30/23 19:53 MST		0	Source: Public

**MCKENZIE COUNTY --- 15.9 S FAIRVIEW [47.62, -104.02]**

	08/30/23 20:12 MST		0	Thunderstorm Wind (EG 52 kt)
	08/30/23 20:15 MST		0	Source: Trained Spotter

Thunderstorm wind gusts were estimated by a trained spotter.

**MCKENZIE COUNTY --- 4.7 E FAIRVIEW [47.86, -103.93]**

	08/30/23 20:24 MST		0	Hail (0.88 in)
	08/30/23 20:26 MST		0	Source: Public

**BOWMAN COUNTY --- 3.4 W BUFFALO SPGS [46.17, -103.30]**

	08/30/23 20:35 MST		0	Thunderstorm Wind (MG 50 kt)
	08/30/23 20:38 MST		0	Source: AWOS

**MCKENZIE COUNTY --- 17.4 N ALEXANDER [48.10, -103.70]**

	08/30/23 20:45 MST		0	Thunderstorm Wind (MG 52 kt)
	08/30/23 20:48 MST		0	Source: Mesonet

**DIVIDE COUNTY --- 10.2 SSW ALKABO [48.73, -103.94]**

	08/30/23 22:17 CST		0	Thunderstorm Wind (MG 54 kt)
	08/30/23 22:19 CST		0	Source: Mesonet

Thunderstorms developed in the vicinity of a very slow moving warm front. Instability and deep-layer shear were marginal, but strong enough for severe weather to develop. Hail was the main concern in the first few severe storms that developed, with golf ball size hail reported at Dickinson in Stark County, and Arnegard in McKenzie County. The main threat then gradually switched towards wind later in the episode. The strongest reported wind gust was 62 mph north of Grenora, in Divide County.