

## Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>NORTH DAKOTA, Central and West</b>				
<b>GOLDEN VALLEY COUNTY --- 0.9 E BEACH [46.92, -103.98]</b>				
	07/01/12 17:40 MST		0	Thunderstorm Wind (MG 56 kt)
	07/01/12 17:50 MST		0	Source: AWOS
<b>GOLDEN VALLEY COUNTY --- BEACH [46.92, -104.00]</b>				
	07/01/12 17:50 MST		12K	Thunderstorm Wind (EG 61 kt)
	07/01/12 18:00 MST		0	Source: Public
The strong winds blew down a power line, temporarily disrupting power to parts of Beach.				
<b>GOLDEN VALLEY COUNTY --- 0.5 W SENTINEL BUTTE [46.92, -103.84]</b>				
	07/01/12 17:52 MST		0	Thunderstorm Wind (EG 52 kt)
	07/01/12 17:57 MST		0	Source: Trained Spotter
Strong winds were reported in Sentinel Butte.				
<b>Severe Thunderstorm Watch number 449 was in effect during this event.</b>				
<b>Diurnal convection initiating across southeast Montana late in the afternoon ahead of surface low pressure advanced into southwest North Dakota. Moderate downdraft CAPE led to severe thunderstorm wind gusts across Golden Valley County early in the evening. Afterwards, convection became more concentrated over southern Canada and northern South Dakota.</b>				
<b>BOTTINEAU COUNTY --- 3.3 SSW WILLOW CITY [48.56, -100.32]</b>				
	07/02/12 09:12 CST		0	Hail (1.00 in)
	07/02/12 09:17 CST		0	Source: Trained Spotter
<b>ROLETTE COUNTY --- ROLETTE [48.67, -99.83]</b>				
	07/02/12 10:40 CST		20K	Thunderstorm Wind (EG 61 kt)
	07/02/12 10:50 CST		0	Source: Emergency Manager
The strong winds uprooted several trees. One tree fell onto a house and caused some damage.				
<b>An isolated severe thunderstorm developed over north central North Dakota during the morning along a surface trough. This storm produced large hail and a severe thunderstorm wind gust.</b>				
<b>WILLIAMS COUNTY --- 9.1 WNW BONETRAILL [48.46, -104.04]</b>				
	07/03/12 18:50 CST		10K	Thunderstorm Wind (EG 61 kt)
	07/03/12 18:55 CST		0	Source: Trained Spotter
The strong winds blew down a tree onto a power line.				
<b>WILLIAMS COUNTY --- 0.5 W GRENORA [48.62, -103.94]</b>				
	07/03/12 19:02 CST		8K	Thunderstorm Wind (EG 61 kt)
	07/03/12 19:07 CST		0	Source: Trained Spotter
A twenty foot tall elm tree was knocked down.				
<b>WILLIAMS COUNTY --- 1.8 E GRENORA [48.62, -103.89]</b>				
	07/03/12 19:02 CST		15K	Thunderstorm Wind (EG 61 kt)
	07/03/12 19:07 CST		0	Source: Trained Spotter
A cattle wind break eight feet high was flattened and a wooden calf shelter was destroyed.				
<b>DIVIDE COUNTY --- 4.0 SSE WESTBY [48.82, -104.02]</b>				
	07/03/12 20:20 CST		0	Thunderstorm Wind (EG 52 kt)
	07/03/12 20:25 CST		0	Source: Mesonet
An estimated peak wind report was received in rural western Divide County.				

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<b>WILLIAMS COUNTY --- GRENORA [48.62, -103.93]</b>				
	07/03/12 20:25 CST	0		Hail (1.00 in)
	07/03/12 20:28 CST	0		Source: Public
<b>WILLIAMS COUNTY --- 1.7 NNE (ISN)SLOULIN FLD WIL [48.20, -103.63]</b>				
	07/03/12 20:40 CST	0		Hail (0.75 in)
	07/03/12 20:45 CST	0		Source: Public
<b>WILLIAMS COUNTY --- 9.4 SE ALAMO [48.48, -103.33]</b>				
	07/03/12 21:10 CST	0		Hail (1.00 in)
	07/03/12 21:15 CST	0		Source: Trained Spotter
<b>DIVIDE COUNTY --- 14.9 SSW ALKABO [48.66, -103.94]</b>				
	07/03/12 21:53 CST	0		Hail (1.00 in)
	07/03/12 21:58 CST	0		Source: Trained Spotter
<b>WILLIAMS COUNTY --- 0.5 W GRENORA [48.62, -103.94]</b>				
	07/03/12 21:53 CST	0		Hail (1.00 in)
	07/03/12 21:59 CST	0		Source: Trained Spotter
Wind gusts to 50 miles per hour accompanied the large hail.				
<b>DIVIDE COUNTY --- 4.6 E CROSBY [48.91, -103.18]</b>				
	07/03/12 23:00 CST	0		Hail (0.88 in)
	07/03/12 23:05 CST	0		Source: Trained Spotter
<b>DIVIDE COUNTY --- 1.1 SW CROSBY [48.91, -103.30]</b>				
	07/03/12 23:15 CST	0		Hail (1.50 in)
	07/03/12 23:20 CST	0		Source: Public
<b>DIVIDE COUNTY --- 1.1 SW CROSBY [48.91, -103.30]</b>				
	07/03/12 23:22 CST	0		Hail (0.88 in)
	07/03/12 23:27 CST	0		Source: Law Enforcement
<b>BURKE COUNTY --- 6.2 N COLUMBUS [48.99, -102.78]</b>				
	07/03/12 23:31 CST	0		Hail (1.75 in)
	07/03/12 23:38 CST	0		Source: Trained Spotter
This report came from a campground just south of the Canadian border.				
<b>DIVIDE COUNTY --- 1.1 SW CROSBY [48.91, -103.30]</b>				
	07/04/12 00:35 CST	0		Hail (0.75 in)
	07/04/12 00:41 CST	0		Source: Public
Severe Thunderstorm Watch number 458 was in effect during this event.				
Strong to severe thunderstorms over northeast Montana moved into northwest North Dakota during the evening as surface low pressure advanced into the Dakotas. Thunderstorms continued to develop along an occluded front north of the low across northwest North Dakota. Several reports of large hail and severe thunderstorm winds were received.				
<b>MCINTOSH COUNTY --- 8.2 W WISHEK [46.26, -99.72]</b>				
	07/06/12 03:03 CST	0		Thunderstorm Wind (MG 59 kt)
	07/06/12 03:13 CST	0		Source: Mesonet
<b>MCINTOSH COUNTY --- 0.8 NE WISHEK [46.26, -99.54]</b>				
	07/06/12 03:10 CST	35K		Thunderstorm Wind (EG 61 kt)
	07/06/12 03:20 CST	0		Source: Public

The strong winds blew down several trees and blew the roof off of a large building.

## Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>LA MOURE COUNTY --- 12.9 WSW EDGELEY [46.30, -98.95]</b>				
	07/06/12 03:30 CST		25K	Thunderstorm Wind (EG 61 kt)
	07/06/12 03:40 CST		0	Source: Trained Spotter
Many large tree branches were broken off in Kulm.				
<b>DICKEY COUNTY --- 2.8 N OAKES [46.17, -98.07]</b>				
	07/06/12 04:40 CST		0	Thunderstorm Wind (MG 51 kt)
	07/06/12 04:50 CST		0	Source: AWOS
An area of showers and scattered thunderstorms over south central North Dakota produced several reports of severe downburst winds over McIntosh, LaMoure, and Dickey Counties early in the morning, before sunrise.				
<b>MCKENZIE COUNTY --- 8.3 S EAST FAIRVIEW [47.73, -103.81]</b>				
	07/11/12 15:15 MST		0	Hail (1.75 in)
	07/11/12 15:20 MST		0	Source: Trained Spotter
<b>MCKENZIE COUNTY --- 13.0 NNW GRASSY BUTTE [47.57, -103.38]</b>				
	07/11/12 16:25 MST		0	Hail (1.00 in)
	07/11/12 16:35 MST		0	Source: Public
<b>MCKENZIE COUNTY --- 6.6 NE GRASSY BUTTE [47.46, -103.14]</b>				
	07/11/12 16:46 MST		0	Hail (1.75 in)
	07/11/12 16:52 MST		0	Source: Trained Spotter
<b>MCKENZIE COUNTY --- 6.2 N GRASSY BUTTE [47.49, -103.25]</b>				
	07/11/12 17:05 MST		0	Hail (1.50 in)
	07/11/12 17:20 MST		0	Source: Public
<b>DUNN COUNTY --- 2.5 SW KILLDEER [47.34, -102.80]</b>				
	07/11/12 17:20 MST		15K	Hail (2.50 in)
	07/11/12 17:30 MST		0	Source: Law Enforcement
The very large hail damaged a patrol car.				
<b>HETTINGER COUNTY --- 1.2 NW NEW ENGLAND [46.54, -102.87]</b>				
	07/11/12 17:35 MST		0	Hail (1.00 in)
	07/11/12 17:45 MST		0	Source: COOP Observer
<b>DUNN COUNTY --- 5.1 SW KILLDEER [47.32, -102.85]</b>				
	07/11/12 17:39 MST		25K	Hail (1.50 in)
	07/11/12 17:45 MST		0	Source: Trained Spotter
The large hail dented cars and damaged shingles on a home.				
<b>DUNN COUNTY --- MANNING [47.23, -102.77]</b>				
	07/11/12 17:40 MST		0	Hail (1.00 in)
	07/11/12 17:50 MST		0	Source: Trained Spotter
<b>HETTINGER COUNTY --- 4.2 N NEW ENGLAND [46.59, -102.84]</b>				
	07/11/12 17:46 MST		0	Hail (0.88 in)
	07/11/12 17:52 MST		0	Source: Trained Spotter
<b>DUNN COUNTY --- NEW HRADEC [47.00, -102.88]</b>				
	07/11/12 18:06 MST		30K	Hail (1.75 in)
	07/11/12 18:15 MST		45K	Source: Public

The large hail damaged crops, homes, and vehicles.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>STARK COUNTY --- 4.9 N DICKINSON [46.95, -102.79]</b>				
	07/11/12 18:08 MST		0	Hail (1.75 in)
	07/11/12 18:18 MST		0	Source: Trained Spotter
<b>HETTINGER COUNTY --- 4.4 NNE REGENT [46.48, -102.52]</b>				
	07/11/12 18:21 MST		0	Hail (1.00 in)
	07/11/12 18:31 MST		0	Source: Trained Spotter
<b>HETTINGER COUNTY --- 4.4 NNE REGENT [46.48, -102.52]</b>				
	07/11/12 18:21 MST		0	Thunderstorm Wind (EG 52 kt)
	07/11/12 18:31 MST		0	Source: Trained Spotter
Large hail accompanied the strong winds.				
<b>STARK COUNTY --- 6.8 NNW TAYLOR [46.99, -102.48]</b>				
	07/11/12 18:25 MST		0	Hail (1.25 in)
	07/11/12 18:45 MST		0	Source: Trained Spotter
<b>STARK COUNTY --- 2.5 NE DICKINSON [46.91, -102.75]</b>				
	07/11/12 18:28 MST		0	Hail (2.00 in)
	07/11/12 18:33 MST		0	Source: Amateur Radio
<b>STARK COUNTY --- 4.5 NE DICKINSON [46.93, -102.72]</b>				
	07/11/12 18:30 MST		0	Hail (0.88 in)
	07/11/12 18:35 MST		0	Source: Public
<b>STARK COUNTY --- 4.5 NE DICKINSON [46.93, -102.72]</b>				
	07/11/12 18:30 MST		0	Hail (1.75 in)
	07/11/12 18:42 MST		0	Source: COOP Observer
<b>STARK COUNTY --- TAYLOR [46.90, -102.42]</b>				
	07/11/12 18:56 MST		0	Hail (1.00 in)
	07/11/12 19:11 MST		0	Source: Trained Spotter
<b>BURLEIGH COUNTY --- 0.8 NW BISMARCK [46.81, -100.78]</b>				
	07/11/12 21:33 CST		0	Thunderstorm Wind (EG 52 kt)
	07/11/12 21:43 CST		0	Source: Broadcast Media
Estimated peak gusts.				
<b>BURLEIGH COUNTY --- 5.5 N BISMARCK [46.88, -100.78]</b>				
	07/11/12 21:35 CST		0	Thunderstorm Wind (MG 52 kt)
	07/11/12 21:45 CST		0	Source: Mesonet
<b>BURLEIGH COUNTY --- 4.3 SE (BIS)BISMARCK MUNI A [46.74, -100.68]</b>				
	07/11/12 21:36 CST		0	Thunderstorm Wind (EG 61 kt)
	07/11/12 21:42 CST		0	Source: NWS Employee
Estimated winds south of Lincoln.				
<b>BURLEIGH COUNTY --- 0.7 S FT LINCOLN [46.81, -100.60]</b>				
	07/11/12 21:40 CST		0	Thunderstorm Wind (EG 52 kt)
	07/11/12 21:50 CST		0	Source: CoCoRaHS
Hail up to one half inch in diameter accompanied the strong winds.				
<b>BURLEIGH COUNTY --- 6.9 N BISMARCK [46.90, -100.78]</b>				

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	07/11/12 21:40 CST		0	Thunderstorm Wind (MG 52 kt)
	07/11/12 21:45 CST		0	Source: Mesonet
Estimated peak winds rural north Bismarck.				
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<b>BURLEIGH COUNTY --- 11.3 ESE DRISCOLL [46.76, -99.93]</b>				
	07/12/12 22:10 CST		0	Thunderstorm Wind (MG 59 kt)
	07/12/12 22:20 CST		0	Source: Mesonet
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<b>KIDDER COUNTY --- 3.7 SSW DAWSON [46.82, -99.75]</b>				
	07/12/12 22:25 CST		10K	Thunderstorm Wind (EG 61 kt)
	07/12/12 22:33 CST		0	Source: Public
The strong winds knocked down numerous small tree branches around Lake Isabel south of Dawson. Two pontoons were also flipped over.				
An upper level trough over southern Canada combined with numerous surface boundaries to trigger evening severe thunderstorms across western North Dakota and eventually into south central North Dakota. Numerous reports of large hail were received across the west where initially isolated splitting storms developed. As the convection moved east into south central North Dakota, a quasi-linear storm structure developed and intensified as it moved across Oliver County and eventually into the Bismarck area. The storms weakened east of Bismarck shortly before midnight.				
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<b>RENVILLE COUNTY --- 1.7 NNW GLENBURN [48.54, -101.24]</b>				
	07/12/12 14:04 CST		0	Hail (1.00 in)
	07/12/12 14:09 CST		0	Source: Trained Spotter
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<b>MCHENRY COUNTY --- 2.3 W GRANVILLE [48.27, -100.88]</b>				
	07/12/12 14:52 CST		0	Hail (0.88 in)
	07/12/12 14:58 CST		0	Source: Public
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<b>MCHENRY COUNTY --- 3.5 S GRANVILLE [48.22, -100.84]</b>				
	07/12/12 14:56 CST		0	Hail (0.88 in)
	07/12/12 15:01 CST		0	Source: Public
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<b>MCHENRY COUNTY --- 3.9 NE SIMCOE [48.21, -100.81]</b>				
	07/12/12 15:05 CST		0	Hail (1.00 in)
	07/12/12 15:10 CST		0	Source: Public
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<b>MCHENRY COUNTY --- 2.9 NNW BERGEN [48.04, -100.74]</b>				
	07/12/12 15:25 CST		0	Hail (1.00 in)
	07/12/12 15:35 CST		0	Source: Public
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<b>MCHENRY COUNTY --- 5.9 SE SIMCOE [48.11, -100.78]</b>				
	07/12/12 15:25 CST		0	Hail (1.00 in)
	07/12/12 15:35 CST		0	Source: Public
Thunderstorms developed during the afternoon hours on the back side of an upper level low pressure system. Several reports of large hail were attributed to one isolated severe storm.				
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<b>BOWMAN COUNTY --- 21.3 SW RHAME [46.01, -103.96]</b>				
	07/14/12 15:50 MST		0	Thunderstorm Wind (EG 52 kt)
	07/14/12 15:55 MST		0	Source: Trained Spotter
No damage was reported with this severe wind gust.				
Thunderstorms moving northeast into southwestern North Dakota produced a brief severe wind gust over Bowman County. The storms dissipated shortly after that with no other severe weather reports received.				
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<b>BURKE COUNTY --- PORTAL [49.00, -102.55]</b>				
	07/15/12 18:48 CST		0	Hail (0.75 in)
	07/15/12 18:54 CST		0	Source: Fire Department/Rescue

## Storm Data and Unusual Weather Phenomena - July 2012

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<b>BURKE COUNTY --- 1.1 NW NORTHGATE [48.99, -102.29]</b>				
	07/15/12 19:01 CST		0	Thunderstorm Wind (EG 52 kt)
	07/15/12 19:11 CST		0	Source: Trained Spotter
Very heavy rain accompanied the strong winds.				
<b>BURKE COUNTY --- 1.6 NNE FLAXTON [48.92, -102.36]</b>				
	07/15/12 19:02 CST		0	Funnel Cloud
	07/15/12 19:07 CST		0	Source: Storm Chaser
<b>BURKE COUNTY --- 6.0 SSE NORTHGATE [48.90, -102.22]</b>				
	07/15/12 19:08 CST		0.10M	Thunderstorm Wind (EG 78 kt)
	07/15/12 19:23 CST		0	Source: Law Enforcement
Intense Rear Flank Downdraft straight line winds did extensive damage to a farmstead. Damage included a garage destroyed, several grain bins destroyed, a quonset destroyed, damage to a home, and several trees uprooted.				
<b>BURKE COUNTY --- 5.2 ESE NORTHGATE [48.96, -102.16]</b>				
	07/15/12 19:26 CST		0	Thunderstorm Wind (MG 54 kt)
	07/15/12 19:31 CST		0	Source: Mesonet
<b>RENVILLE COUNTY --- 9.7 NW TOLLEY [48.83, -101.97]</b>				
	07/15/12 19:34 CST		25K	Thunderstorm Wind (EG 61 kt)
	07/15/12 19:44 CST		0	Source: Trained Spotter
The strong winds uprooted numerous large trees.				
Tornado Watch number 486 was in effect during this event.				
Isolated severe convection developed near a surface low over northwest North Dakota early in the evening, then tracked east along a warm front along the international border before dissipating shortly after sunset.				
Only one severe storm developed due to a strong mid level cap south of the warm front. The storm which did develop produced a funnel cloud and significant straight line wind damage in Burke County.				
<b>MOUNTRAIL COUNTY --- 5.9 SW PARSHALL ARPT [47.87, -102.22]</b>				
	07/19/12 16:30 CST		0	Hail (0.75 in)
	07/19/12 16:35 CST		0	Source: Trained Spotter
<b>MOUNTRAIL COUNTY --- 1.5 SSW PARSHALL [47.95, -102.14]</b>				
	07/19/12 16:41 CST		0	Thunderstorm Wind (EG 61 kt)
	07/19/12 16:51 CST		0	Source: Trained Spotter
An estimated severe thunderstorm wind gust was reported.				
<b>WARD COUNTY --- 9.0 N MAKOTI [48.10, -101.79]</b>				
	07/19/12 17:10 CST		0	Hail (1.00 in)
	07/19/12 17:30 CST		0	Source: Public
<b>WARD COUNTY --- 0.8 NNE DES LACS [48.26, -101.56]</b>				
	07/19/12 17:20 CST		0	Hail (0.75 in)
	07/19/12 17:25 CST		0	Source: Trained Spotter
<b>MCLEAN COUNTY --- 0.9 W GARRISON [47.65, -101.44]</b>				
	07/19/12 18:44 CST		0	Thunderstorm Wind (MG 54 kt)
	07/19/12 18:54 CST		0	Source: ASOS
<b>MCLEAN COUNTY --- GARRISON [47.65, -101.42]</b>				

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	07/19/12 18:46 CST		15K	Thunderstorm Wind (EG 61 kt)
	07/19/12 18:56 CST		0	Source: Trained Spotter

Several trees were uprooted by the strong winds.

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### ROLETTE COUNTY --- 2.8 WNW ROLLA [48.86, -99.66]

	07/19/12 19:32 CST		0	Hail (0.88 in)
	07/19/12 19:37 CST		0	Source: Trained Spotter

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### STUTSMAN COUNTY --- 0.8 NW (JMS)JAMESTOWN MUNI [46.94, -98.69]

	07/20/12 02:31 CST		0	Thunderstorm Wind (MG 53 kt)
	07/20/12 02:46 CST		0	Source: ASOS

A trough of low pressure advecting east across the Northern Plains combined with a short wave trough over south central Canada to trigger late afternoon and nighttime thunderstorms over portions of central North Dakota. Several reports of large hail and severe thunderstorm wind gusts were received.

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### WILLIAMS COUNTY --- 8.5 NNW TRENTON [48.19, -103.89]

	07/21/12 18:30 CST		0	Hail (2.75 in)
	07/21/12 18:40 CST		0	Source: Trained Spotter

There were no reports of damage with this large hail report.

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### WILLIAMS COUNTY --- 8.2 NW (ISN)SLOULIN FLD WIL [48.26, -103.78]

	07/21/12 18:42 CST		0	Hail (2.00 in)
	07/21/12 18:47 CST		0	Source: Public

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### WILLIAMS COUNTY --- 7.0 NNW (ISN)SLOULIN FLD WIL [48.28, -103.68]

	07/21/12 19:00 CST		0	Hail (1.75 in)
	07/21/12 19:10 CST		0	Source: Public

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### WILLIAMS COUNTY --- ALAMO [48.58, -103.47]

	07/21/12 19:30 CST		0	Hail (1.00 in)
	07/21/12 19:35 CST		0	Source: Trained Spotter

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### DIVIDE COUNTY --- 4.2 S NOONAN [48.82, -103.01], 4.1 S NOONAN [48.82, -102.99]

	07/21/12 21:10 CST		0	Tornado (EF0, L: 1.13 mi , W: 30 yd)
	07/21/12 21:15 CST		0	Source: Trained Spotter

This tornado briefly touched down in the open country of Divide County. There were no reports of damage associated with this tornado and it was rated EF0.

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### BURKE COUNTY --- 5.5 SW COTEAU [48.69, -102.40]

	07/21/12 23:00 CST		0	Thunderstorm Wind (MG 61 kt)
	07/21/12 23:05 CST		0	Source: Trained Spotter

Penny size hail and very heavy rain accompanied the strong winds.

Severe Thunderstorm Watch number 500 was in effect during this event.

A surface trough advancing into western North Dakota was the focus for convection during the evening hours. Severe thunderstorms developed along this boundary over northwest North Dakota near a weak mid level short wave trough advecting east across far southern Canada. Severe convection was supported by effective shear magnitudes up to 50 knots and moderate instability. Several severe weather reports were received, including one EF0 tornado which briefly touched down in rural Divide County.

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### MCINTOSH COUNTY --- ZEELAND [45.97, -99.83]

	07/22/12 15:55 CST		0	Hail (1.00 in)
	07/22/12 16:05 CST		0	Source: Trained Spotter

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### MCINTOSH COUNTY --- ZEELAND [45.97, -99.83]

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	07/22/12 15:55 CST		2K	Thunderstorm Wind (EG 52 kt)
	07/22/12 16:05 CST		0	Source: Trained Spotter
The strong winds blew down a few tree branches in Zeeland.				
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<b>MCINTOSH COUNTY --- 7.3 NE ASHLEY [46.11, -99.27]</b>				
	07/22/12 16:52 CST		2K	Thunderstorm Wind (EG 52 kt)
	07/22/12 16:57 CST		0	Source: Trained Spotter
Tree branches were blown down by the strong thunderstorm winds.				
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<b>LA MOURE COUNTY --- 4.0 W VERONA [46.37, -98.15]</b>				
	07/22/12 17:05 CST		0	Hail (1.50 in)
	07/22/12 17:10 CST		0	Source: Trained Spotter
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<b>LA MOURE COUNTY --- 1.4 S VERONA [46.35, -98.07]</b>				
	07/22/12 17:15 CST		0	Hail (1.75 in)
	07/22/12 17:25 CST		0	Source: Trained Spotter
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<b>MCINTOSH COUNTY --- 16.8 ENE ASHLEY [46.09, -99.03]</b>				
	07/22/12 17:15 CST		0	Thunderstorm Wind (EG 52 kt)
	07/22/12 17:20 CST		0	Source: Trained Spotter
Heavy rain accompanied the strong winds.				
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<b>DICKEY COUNTY --- 11.6 W MERRICOURT [46.22, -98.99]</b>				
	07/22/12 17:20 CST		0	Thunderstorm Wind (EG 52 kt)
	07/22/12 17:25 CST		0	Source: Trained Spotter
Heavy rain accompanied the strong winds.				
<hr/>				
<b>DICKEY COUNTY --- 0.5 W ELLENDALE [46.00, -98.53]</b>				
	07/22/12 17:56 CST		3K	Thunderstorm Wind (EG 52 kt)
	07/22/12 18:01 CST		0	Source: Trained Spotter
Numerous small tree limbs were blown down by the strong winds.				
<hr/>				
<b>DICKEY COUNTY --- 0.8 NW FULLERTON [46.18, -98.43]</b>				
	07/22/12 18:00 CST		0	Hail (1.00 in)
	07/22/12 18:05 CST		0	Source: Trained Spotter
<hr/>				
<b>DICKEY COUNTY --- 0.8 NW FULLERTON [46.18, -98.43]</b>				
	07/22/12 18:00 CST		0	Thunderstorm Wind (EG 52 kt)
	07/22/12 18:05 CST		0	Source: Trained Spotter
Large hail accompanied the strong wind gust.				
<b>Severe Thunderstorm Watch number 503 was in effect during this event.</b>				
<b>A slow moving surface cold front over far southern North Dakota moving south into northern South Dakota was the focus for strong to severe thunderstorms in the late afternoon and early evening hours. High instability combined with effective wind shear to 40 knots supported supercellular storms. Several reports of large hail and severe thunderstorm wind gusts were received.</b>				
<hr/>				
<b>HETTINGER COUNTY --- 5.6 WSW REGENT [46.39, -102.66]</b>				
	07/24/12 18:24 MST		0	Hail (1.00 in)
	07/24/12 18:29 MST		50K	Source: Emergency Manager
The hail combined with strong winds resulted in damage to area crops.				
<hr/>				
<b>HETTINGER COUNTY --- 5.6 WSW REGENT [46.39, -102.66]</b>				



## Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/24/12 18:24 MST		0	Thunderstorm Wind (EG 61 kt)
	07/24/12 18:29 MST		50K	Source: Emergency Manager
The strong winds combined with large hail resulted in damage to area crops.				
<hr/>				
<b>HETTINGER COUNTY --- 2.8 SW REGENT [46.39, -102.59]</b>				
	07/24/12 18:25 MST		0	Hail (1.75 in)
	07/24/12 18:30 MST		0	Source: Trained Spotter
<hr/>				
<b>HETTINGER COUNTY --- 6.2 S REGENT [46.33, -102.56]</b>				
	07/24/12 18:30 MST		0	Hail (2.00 in)
	07/24/12 18:40 MST		0	Source: Trained Spotter
<hr/>				
<b>HETTINGER COUNTY --- 7.7 WSW MOTT MUNI ARPT [46.31, -102.47]</b>				
	07/24/12 19:00 MST		0	Hail (1.00 in)
	07/24/12 19:10 MST		0	Source: Law Enforcement
<hr/>				
<b>BOWMAN COUNTY --- 20.4 SW RHAME [45.99, -103.90]</b>				
	07/24/12 19:35 MST		0	Hail (1.00 in)
	07/24/12 19:45 MST		0	Source: Emergency Manager
Severe Thunderstorm Watch number 515 was in effect during this event.				
A weakening capping inversion north of a surface cold front combined with moderately unstable air and 50 knots of deep layer shear and led to severe thunderstorm development across southwest North Dakota during the evening hours. Several reports of large hail and severe thunderstorm winds were received.				
<hr/>				
<b>DIVIDE COUNTY --- 5.8 NW NOONAN [48.94, -103.09]</b>				
	07/28/12 17:00 CST		0	Hail (1.50 in)
	07/28/12 17:05 CST		0	Source: Public
<hr/>				
<b>WILLIAMS COUNTY --- 7.2 SSE WILDROSE [48.53, -103.14]</b>				
	07/28/12 17:20 CST		0	Hail (0.75 in)
	07/28/12 17:25 CST		0	Source: Trained Spotter
<hr/>				
<b>BURKE COUNTY --- 0.8 NNE NORTHGATE [48.99, -102.26]</b>				
	07/28/12 17:30 CST		0	Hail (0.88 in)
	07/28/12 17:35 CST		0	Source: Law Enforcement
<hr/>				
<b>BURKE COUNTY --- 0.5 W FLAXTON [48.90, -102.39]</b>				
	07/28/12 17:32 CST		0	Hail (1.00 in)
	07/28/12 17:38 CST		0	Source: Broadcast Media
<hr/>				
<b>BURKE COUNTY --- 1.9 NE BOWBELLS [48.82, -102.22]</b>				
	07/28/12 17:50 CST		0	Hail (1.75 in)
	07/28/12 18:00 CST		75K	Source: Trained Spotter
The hail resulted in significant damage to crops.				
<hr/>				
<b>MOUNTRAIL COUNTY --- 5.2 WSW LUNDS VLY [48.48, -102.64]</b>				
	07/28/12 18:01 CST		0	Thunderstorm Wind (MG 55 kt)
	07/28/12 18:11 CST		0	Source: Trained Spotter
<hr/>				
<b>WILLIAMS COUNTY --- 1.4 W TIOGA [48.40, -102.96]</b>				
	07/28/12 18:01 CST		0	Hail (1.00 in)
	07/28/12 18:06 CST		0	Source: Public

Strong winds accompanied the large hail.

## Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>WILLIAMS COUNTY --- 1.4 W TIOGA [48.40, -102.96]</b>				
	07/28/12 18:01 CST		0	Thunderstorm Wind (EG 56 kt)
	07/28/12 18:06 CST		0	Source: Public
Large hail accompanied the strong winds.				
<b>WARD COUNTY --- 3.4 SW KENMARE [48.64, -102.14]</b>				
	07/28/12 18:05 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/12 18:10 CST		0	Source: Trained Spotter
A severe thunderstorm wind gust was reported.				
<b>WILLIAMS COUNTY --- 0.5 W TIOGA [48.40, -102.94]</b>				
	07/28/12 18:11 CST		0	Hail (1.00 in)
	07/28/12 18:16 CST		0	Source: Storm Chaser
<b>WARD COUNTY --- 0.8 SSE (MIB)MINOT AFB [48.42, -101.36]</b>				
	07/28/12 19:13 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/12 19:23 CST		0	Source: Trained Spotter
Pea size hail accompanied the strong winds.				
<b>WARD COUNTY --- 2.7 WNW (MIB)MINOT AFB [48.45, -101.42]</b>				
	07/28/12 19:16 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/12 19:21 CST		0	Source: Trained Spotter
A severe thunderstorm wind gust was reported.				
<b>WARD COUNTY --- 0.8 SSE (MIB)MINOT AFB [48.42, -101.36]</b>				
	07/28/12 19:20 CST		0	Thunderstorm Wind (MG 57 kt)
	07/28/12 19:35 CST		0	Source: ASOS
<b>RENVILLE COUNTY --- 0.7 S GLENBURN [48.51, -101.22]</b>				
	07/28/12 19:35 CST		0	Hail (0.88 in)
	07/28/12 19:40 CST		0	Source: Trained Spotter
<b>MCHEMRY COUNTY --- 3.9 NE DEERING [48.44, -100.99]</b>				
	07/28/12 19:42 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/12 19:52 CST		0	Source: Trained Spotter
Pea size hail and heavy rain accompanied the strong winds.				
<p><b>A linear Mesoscale Convective System developed across southeast Saskatchewan, and moved into Divide County in far northwestern North Dakota. The convection elongated and produced severe wind and hail from Divide County through McHenry Counties during the evening hours.</b></p>				