Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
IORTH DAKOTA, Central and West				
BURLEIGH COUNTY BISMARCK [46.80, -10	0.77], 1.6 NNE (BIS)BISMAR	CK MUNI A [46.80, -	-100.73], 0.5 NNE (	BIS)BISMARCK MUNI A [46.79,
100.75], 0.9 W (BIS)BISMARCK MUNI A [46.78		CK [46.80, -100.79]		
	08/01/11 00:00 CST 08/01/11 02:00 CST		5K 0	Flash Flood (due to Heavy Rain) Source: Amateur Radio
umerous roads were reported to have over on			Ũ	
			N F40 00 400 071	
IORTON COUNTY MANDAN [46.83, -100.9	0 <b>], 1.6 E MANDAN [46.83, -10</b> 08/01/11 00:00 CST	0.87], 1.5 E MANDA	5K	Flash Flood (due to Heavy Rain)
	08/01/11 02:00 CST		0	Source: NWS Employee
ery heavy rain was creating flash flood conditi	ons in Mandan.			
	00.421			
OSTER COUNTY 0.9 E BARLOW [47.57, -9	08/01/11 00:08 CST		0.50K	Thunderstorm Wind (EG 61 kt)
	08/01/11 00:14 CST		0	Source: Broadcast Media
large tree was blown down by the strong wind				
STUTSMAN COUNTY KENSAL [47.30, -98.7	31			
-101000011 RENGAL [47.30, -90.7	08/01/11 00:30 CST		75K	Thunderstorm Wind (EG 70 kt)
	08/01/11 00:39 CST		0	Source: Fire Department/Rescue
ICINTOSH COUNTY 8.2 W WISHEK [46.26,	, <b>-99.72]</b> 08/01/11 01:13 CST 08/01/11 01:17 CST		0 0	Thunderstorm Wind (EG 52 kt) Source: Trained Spotter
	08/01/11 01:17 CS1		0	Source. Trained Spotler
trang windo wara ranartad				
atong winds were reported.				
Strong winds were reported. Fornado Watch Number 706 and Severe Thun nto August.	derstorm Watch Number 707	were in effect duri	ng these events w	hich continue from July
Fornado Watch Number 706 and Severe Thun nto August. A strong capping inversion initially prevented northwest South Dakota continued to propag evening as a surface warm front lifted northw vith additional development across the south	l convection from developing ate northeast into far southw ard. These storms continued a central and southeast due to	across North Dake est and south cent east and north inte	ota. Eventually, se ral North Dakota d o the early mornin	evere storms over luring the mid to late
Fornado Watch Number 706 and Severe Thun nto August. A strong capping inversion initially prevented northwest South Dakota continued to propag evening as a surface warm front lifted northw vith additional development across the south	l convection from developing ate northeast into far southw ard. These storms continued a central and southeast due to	across North Dake est and south cent east and north inte	ota. Eventually, se ral North Dakota d o the early mornin	evere storms over luring the mid to late
Fornado Watch Number 706 and Severe Thun nto August. A strong capping inversion initially prevented northwest South Dakota continued to propag- evening as a surface warm front lifted northw with additional development across the south Most significant was the strong winds associ	l convection from developing ate northeast into far southw ard. These storms continued a central and southeast due to	across North Dake est and south cent east and north inte	ota. Eventually, se ral North Dakota d o the early mornin	evere storms over luring the mid to late
Fornado Watch Number 706 and Severe Thun nto August. A strong capping inversion initially prevented orthwest South Dakota continued to propag- vening as a surface warm front lifted northw vith additional development across the south flost significant was the strong winds associ- see the July 31 Storm Data entries.	l convection from developing ate northeast into far southw ard. These storms continued a central and southeast due to ated with thunderstorms.	across North Daka est and south cent east and north inte o a strengthening l	ota. Eventually, se ral North Dakota d o the early mornin ow level jet.	evere storms over luring the mid to late g hours of August 1st,
Fornado Watch Number 706 and Severe Thun nto August. A strong capping inversion initially prevented orthwest South Dakota continued to propag- vening as a surface warm front lifted northw vith additional development across the south flost significant was the strong winds associ- see the July 31 Storm Data entries.	l convection from developing ate northeast into far southw ard. These storms continued a central and southeast due to ated with thunderstorms.	across North Daka est and south cent east and north inte o a strengthening l	ota. Eventually, se ral North Dakota d o the early mornin ow level jet.	evere storms over luring the mid to late g hours of August 1st,
Fornado Watch Number 706 and Severe Thun nto August. A strong capping inversion initially prevented orthwest South Dakota continued to propag- vening as a surface warm front lifted northw vith additional development across the south flost significant was the strong winds associ- see the July 31 Storm Data entries.	I convection from developing ate northeast into far southw ard. These storms continued a central and southeast due to ated with thunderstorms. 7.43, -101.48], 28.3 N WILTON	across North Daka est and south cent east and north inte o a strengthening l	ota. Eventually, se ral North Dakota d o the early mornin ow level jet. 7.2 S MOFFIT [46.0	overe storms over luring the mid to late g hours of August 1st, 00, -100.37], 50.4 SSW MOFFIT [46.02,
Fornado Watch Number 706 and Severe Thun nto August. A strong capping inversion initially prevented northwest South Dakota continued to propag- evening as a surface warm front lifted northw	I convection from developing ate northeast into far southw ard. These storms continued a central and southeast due to ated with thunderstorms. 7.43, -101.48], 28.3 N WILTON 08/01/11 00:00 CST	across North Daka est and south cent east and north inte o a strengthening l	ota. Eventually, se ral North Dakota d o the early mornin ow level jet. 7.2 S MOFFIT [46.0 0	overe storms over luring the mid to late g hours of August 1st, 20, -100.37], 50.4 SSW MOFFIT [46.02, Flood (due to Heavy Rain / Snow Melt)
ornado Watch Number 706 and Severe Thun nto August. A strong capping inversion initially prevented orthwest South Dakota continued to propagi- vening as a surface warm front lifted northw with additional development across the south lost significant was the strong winds associ- tee the July 31 Storm Data entries. SURLEIGH COUNTY 36.6 WNW WILTON [4 100.73]	l convection from developing ate northeast into far southw ard. These storms continued a central and southeast due to ated with thunderstorms. 7.43, -101.48], 28.3 N WILTON 08/01/11 00:00 CST 08/01/11 23:59 CST	J across North Dak est and south cent east and north intr o a strengthening l I [47.58, -100.78], 4	ota. Eventually, se ral North Dakota d o the early mornin ow level jet. 7.2 S MOFFIT [46.0 0	overe storms over luring the mid to late g hours of August 1st, 00, -100.37], 50.4 SSW MOFFIT [46.02, Flood (due to Heavy Rain / Snow Melt) Source: Other Federal Agency
Fornado Watch Number 706 and Severe Thun into August. A strong capping inversion initially prevented forthwest South Dakota continued to propagi- vening as a surface warm front lifted northwing with additional development across the south flost significant was the strong winds associa- see the July 31 Storm Data entries. BURLEIGH COUNTY 36.6 WNW WILTON [4 100.73] Gee the event episode narrative for details.	I convection from developing ate northeast into far southw ard. These storms continued a central and southeast due to ated with thunderstorms. 7.43, -101.48], 28.3 N WILTON 08/01/11 00:00 CST 08/18/11 23:59 CST 43, -101.48], 7.0 NE TURTLE	J across North Dak est and south cent east and north intr o a strengthening l I [47.58, -100.78], 4	ota. Eventually, se ral North Dakota d o the early mornin ow level jet. 7.2 S MOFFIT [46.0 0 0	Avere storms over luring the mid to late g hours of August 1st, 20, -100.37], 50.4 SSW MOFFIT [46.02, Flood (due to Heavy Rain / Snow Melt) Source: Other Federal Agency TON [46.00, -100.37], 79.5 S WILTON
Fornado Watch Number 706 and Severe Thun nto August. A strong capping inversion initially prevented oorthwest South Dakota continued to propag- vening as a surface warm front lifted northw vith additional development across the south Most significant was the strong winds associ- see the July 31 Storm Data entries. BURLEIGH COUNTY 36.6 WNW WILTON [4 100.73]	l convection from developing ate northeast into far southw ard. These storms continued a central and southeast due to ated with thunderstorms. 7.43, -101.48], 28.3 N WILTON 08/01/11 00:00 CST 08/01/11 23:59 CST	J across North Dak est and south cent east and north intr o a strengthening l I [47.58, -100.78], 4	ota. Eventually, se ral North Dakota d o the early mornin ow level jet. 7.2 S MOFFIT [46.0 0	overe storms over luring the mid to late g hours of August 1st, 00, -100.37], 50.4 SSW MOFFIT [46.02, Flood (due to Heavy Rain / Snow Melt) Source: Other Federal Agency

MERCER COUNTY --- 6.2 S PICK CITY [47.43, -101.48], 32.4 E PICK CITY [47.58, -100.78], 103.0 SSE STANTON [46.00, -100.37], 95.0 SSE STANTON [46.02, -100.73]

		Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/01/11 00:00 CST 08/18/11 23:59 CST		0 0	Flood (due to Heavy Rain / Snow Melt) Source: Other Federal Agency
e the event episode narrative for details.				
ORTON COUNTY 40.2 N NEW SALEM 6.02, -100.73]	[47.43, -101.48], 52.1 N MANDAN	[47.58, -100.78], 3	7.3 SSE FT RICE [	46.00, -100.37], 26.6 SSE BREIEN
	08/01/11 00:00 CST		0	Flood (due to Heavy Rain / Snow Melt)
	08/18/11 23:59 CST		0	Source: Other Federal Agency
ee the event episode narrative for details.				
LIVER COUNTY 17.5 NW FT CLARK [4	7.43, -101.48], 26.8 NNE HENSLE	R [47.58, -100.78],	79.5 SSE PRICE [	46.00, -100.37], 74.0 S PRICE [46.02,
100.73]	00/04/44 00:00 007			
	08/01/11 00:00 CST 08/18/11 23:59 CST		0 0	Flood (due to Heavy Rain / Snow Melt) Source: Other Federal Agency
ee the event episode narrative for details.	06/16/11 23.39 051		0	Source. Other Federal Agency
IOUX COUNTY 78.7 NNW SOLEN [47.43 00.73]	3, -101.48], 82.2 N SOLEN [47.58,	-100.78], 13.6 ESE	E FT YATES [46.00	, -100.37], 6.3 SW FT YATES [46.02,
	08/01/11 00:00 MST		0	Flood (due to Heavy Rain / Snow Melt)
	08/18/11 23:59 MST		0	Source: Other Federal Agency
ht was waged against the river, and that	cost is not included here. Storm	Data cannot refle	ct the scope of th	is event. Information is
ght was waged against the river, and that that was available at the time of this writin formation. ere are some facts about the flooding in I ost was around \$1.5 billion. Individual and econstruction \$452 million; public respon nillion; and the public finance authority di ne state's 53 counties, 48 were impacted, he Missouri River was in flood in every st	cost is not included here. Storm ng. Refer to newspaper articles a North Dakota provided by North I d housing assistance was \$323 n se, recovery, and mitigation \$480 saster Ioan program approved \$ along with three tribal nations.	Data cannot refle nd other federal, s Dakota Emergenc nillion; small busi ) million; disaster 56.6 million. Public ca that it runs thr	ect the scope of the state, and local so y Management. The ness \$248 million; unemployment fo c infrastructure co ough. This was a r	plant. A tremendous flood is event. Information is urces for detailed e total estimated flood home and business r 866 claims was \$2.3 ists were \$320 million. Of
ight was waged against the river, and that what was available at the time of this writin nformation. lere are some facts about the flooding in I ost was around \$1.5 billion. Individual and econstruction \$452 million; public respon nillion; and the public finance authority di he state's 53 counties, 48 were impacted, the Missouri River was in flood in every st	cost is not included here. Storm ng. Refer to newspaper articles a North Dakota provided by North I d housing assistance was \$323 n se, recovery, and mitigation \$480 saster Ioan program approved \$ along with three tribal nations.	Data cannot refle nd other federal, s Dakota Emergenc nillion; small busi ) million; disaster 56.6 million. Public ca that it runs thr	ect the scope of the state, and local so y Management. The ness \$248 million; unemployment fo c infrastructure co ough. This was a r	plant. A tremendous flood is event. Information is urces for detailed e total estimated flood home and business r 866 claims was \$2.3 ists were \$320 million. Of
ght was waged against the river, and that what was available at the time of this writin formation. lere are some facts about the flooding in I ost was around \$1.5 billion. Individual and econstruction \$452 million; public respon hillion; and the public finance authority di ne state's 53 counties, 48 were impacted, he Missouri River was in flood in every st	cost is not included here. Storm ng. Refer to newspaper articles a North Dakota provided by North I d housing assistance was \$323 n se, recovery, and mitigation \$480 saster loan program approved \$5 along with three tribal nations. ate in the United States of Ameri 7.75, -103.99], 23.2 N WERNER [4 08/01/11 00:00 MST	Data cannot refle nd other federal, s Dakota Emergenc nillion; small busi ) million; disaster 56.6 million. Public ca that it runs thr	or the scope of the state, and local solution y Management. The ness \$248 million; unemployment for c infrastructure colution ough. This was a rest 8 N WERNER [48.: 0	blant. A tremendous flood is event. Information is urces for detailed e total estimated flood home and business r 866 claims was \$2.3 ists were \$320 million. Of nulti-state disaster. 21, -102.27], 79.5 NW KILLDEER [48.17, Flood (due to Heavy Rain / Snow Melt)
ight was waged against the river, and that what was available at the time of this writin nformation. Here are some facts about the flooding in I cost was around \$1.5 billion. Individual and econstruction \$452 million; public respon nillion; and the public finance authority di he state's 53 counties, 48 were impacted, The Missouri River was in flood in every st	cost is not included here. Storm ng. Refer to newspaper articles a North Dakota provided by North I d housing assistance was \$323 n se, recovery, and mitigation \$480 saster Ioan program approved \$5 along with three tribal nations. ate in the United States of Ameri 7.75, -103.99], 23.2 N WERNER [4	Data cannot refle nd other federal, s Dakota Emergenc nillion; small busi ) million; disaster 56.6 million. Public ca that it runs thr	ect the scope of the state, and local so y Management. The ness \$248 million; unemployment fo c infrastructure co ough. This was a r 8 N WERNER [48.:	olant. A tremendous flood is event. Information is urces for detailed e total estimated flood home and business r 866 claims was \$2.3 ists were \$320 million. Of nulti-state disaster. 21, -102.27], 79.5 NW KILLDEER [48.17,
ight was waged against the river, and that what was available at the time of this writin nformation. Here are some facts about the flooding in I cost was around \$1.5 billion. Individual and econstruction \$452 million; public respon nillion; and the public finance authority di he state's 53 counties, 48 were impacted, The Missouri River was in flood in every st DUNN COUNTY 62.6 WNW KILLDEER [4 104.00] See the event episode narrative for details.	cost is not included here. Storm ng. Refer to newspaper articles a North Dakota provided by North I d housing assistance was \$323 n se, recovery, and mitigation \$480 saster loan program approved \$2 along with three tribal nations. tate in the United States of Ameri 7.75, -103.99], 23.2 N WERNER [4 08/01/11 00:00 MST 08/22/11 23:59 MST	Data cannot refle nd other federal, s Dakota Emergenc nillion; small busi ) million; disaster 56.6 million. Public ca that it runs thr 17.70, -102.38], 58.	or the scope of the state, and local solves of the state of the	Dant. A tremendous flood is event. Information is urces for detailed e total estimated flood home and business r 866 claims was \$2.3 ists were \$320 million. Of nulti-state disaster. 21, -102.27], 79.5 NW KILLDEER [48.17, Flood (due to Heavy Rain / Snow Melt) Source: Other Federal Agency
ight was waged against the river, and that what was available at the time of this writin nformation. Here are some facts about the flooding in I ost was around \$1.5 billion. Individual and econstruction \$452 million; public respon nillion; and the public finance authority di he state's 53 counties, 48 were impacted, the Missouri River was in flood in every st pUNN COUNTY 62.6 WNW KILLDEER [4 104.00] Gee the event episode narrative for details.	Cost is not included here. Storm ng. Refer to newspaper articles a North Dakota provided by North I d housing assistance was \$323 m se, recovery, and mitigation \$480 saster loan program approved \$2 along with three tribal nations. tate in the United States of Ameri 7.75, -103.99], 23.2 N WERNER [4 08/01/11 00:00 MST 08/22/11 23:59 MST [47.75, -103.99], 14.0 E MANDAR	Data cannot refle nd other federal, s Dakota Emergenc nillion; small busi ) million; disaster 56.6 million. Public ca that it runs thr 17.70, -102.38], 58.	ect the scope of the state, and local so y Management. The ness \$248 million; unemployment fo c infrastructure co ough. This was a r 8 N WERNER [48 0 0	Delant. A tremendous flood is event. Information is urces for detailed e total estimated flood home and business r 866 claims was \$2.3 sts were \$320 million. Of nulti-state disaster. 21, -102.27], 79.5 NW KILLDEER [48.17, Flood (due to Heavy Rain / Snow Melt) Source: Other Federal Agency LSON [48.21, -102.27], 22.1 N
ght was waged against the river, and that that was available at the time of this writin formation. Here are some facts about the flooding in I ost was around \$1.5 billion. Individual and econstruction \$452 million; public respon nillion; and the public finance authority di ne state's 53 counties, 48 were impacted, he Missouri River was in flood in every st PUNN COUNTY 62.6 WNW KILLDEER [4 104.00] Here the event episode narrative for details.	Cost is not included here. Storm ng. Refer to newspaper articles a North Dakota provided by North I d housing assistance was \$323 n se, recovery, and mitigation \$480 saster loan program approved \$6 along with three tribal nations. ate in the United States of Ameri 7.75, -103.99], 23.2 N WERNER [4 08/01/11 00:00 MST 08/22/11 23:59 MST [47.75, -103.99], 14.0 E MANDAR 08/01/11 00:00 MST	Data cannot refle nd other federal, s Dakota Emergenc nillion; small busi ) million; disaster 56.6 million. Public ca that it runs thr 17.70, -102.38], 58.	ect the scope of the state, and local solver y Management. The ness \$248 million; unemployment for c infrastructure control ough. This was a result ough. This was a result of the state ough. This was a result of the state o	Dant. A tremendous flood is event. Information is urces for detailed e total estimated flood home and business r 866 claims was \$2.3 ists were \$320 million. Of nulti-state disaster. 21, -102.27], 79.5 NW KILLDEER [48.17, Flood (due to Heavy Rain / Snow Melt) Source: Other Federal Agency LSON [48.21, -102.27], 22.1 N Flood (due to Heavy Rain / Snow Melt)
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ight was waged against the river, and that what was available at the time of this writin information. Here are some facts about the flooding in I cost was around \$1.5 billion. Individual and econstruction \$452 million; public respon million; and the public finance authority di the state's 53 counties, 48 were impacted, the Missouri River was in flood in every st DUNN COUNTY 62.6 WNW KILLDEER [4 104.00] Gee the event episode narrative for details. MCKENZIE COUNTY 7.2 SSE FAIRVIEW FAIRVIEW [48.17, -104.00] Gee the event episode narrative for details.	Cost is not included here. Storm ng. Refer to newspaper articles a North Dakota provided by North I d housing assistance was \$323 n se, recovery, and mitigation \$480 saster loan program approved \$2 along with three tribal nations. tate in the United States of Ameri 7.75, -103.99], 23.2 N WERNER [4 08/01/11 00:00 MST 08/22/11 23:59 MST [47.75, -103.99], 14.0 E MANDAR 08/01/11 00:00 MST 08/22/11 23:59 MST	Data cannot refle nd other federal, s Dakota Emergenc hillion; small busi 0 million; disaster 56.6 million. Public ca that it runs thr 17.70, -102.38], 58.	ect the scope of the state, and local solutions of the state, and local solutions of the state, and local solution of the state, and local solution of the state, and local solution of the state of the	Dant. A tremendous flood is event. Information is urces for detailed e total estimated flood home and business r 866 claims was \$2.3 ists were \$320 million. Of nulti-state disaster. 21, -102.27], 79.5 NW KILLDEER [48.17, Flood (due to Heavy Rain / Snow Melt) Source: Other Federal Agency LSON [48.21, -102.27], 22.1 N Flood (due to Heavy Rain / Snow Melt) Source: Other Federal Agency
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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	103.99], 54.6 SSE TIOGA [47.7	0, -102.38], 33.0	ESE TIOGA [48.21,	-102.27], 9.8 NW TRENTON [48.17,

08/01/11 00:00 CST	0	Flood (due to Heavy Rain / Snow Melt)
08/22/11 23:59 CST	0	Source: Other Federal Agency

See the event episode narrative for details.

This was part of historic flooding in North Dakota with statewide costs estimated around 1.5 billion dollars. Flooding was the result of significant winter snows and significant spring rains, not only in North Dakota but in Montana as well. Rocky Mountain snowpack was four to six times normal. Flooding was along the Missouri River from the Montana border to Garrison Dam. Dams were overwhelmed by the amount of water. Flooding included river, ground, and overland types. Oil wells were shuttered. Estimated damages were around \$400,000 and that is not all inclusive. There was a significant loss to agriculture by not being able to plant. A tremendous flood fight was waged against the river, and that cost is not included here. Storm Data cannot reflect the scope of this event. Information is what was available at the time of this writing. Refer to newspaper articles and other federal, state, and local sources for detailed information.

Here are some facts about the flooding in North Dakota provided by North Dakota Emergency Management. The total estimated flood cost was around \$1.5 billion. Individual and housing assistance was \$323 million; small business \$248 million; home and business reconstruction \$452 million; public response, recovery, and mitigation \$480 million; disaster unemployment for 866 claims was \$2.3 million; and the public finance authority disaster loan program approved \$56.6 million. Public infrastructure costs were \$320 million. Of the state's 53 counties, 48 were impacted, along with three tribal nations.

The Missouri River was in flood in every state in the United States of America that it runs through. This was a multi-state disaster.

WILLIAMS COUNTY 9.3 W BONETRAILL [48.4	4, -104.05]			
	08/02/11 19:05 CST		0	Hail (1.00 in)
	08/02/11 19:15 CST		0	Source: Trained Spotter
VILLIAMS COUNTY 4.3 NE (ISN)SLOULIN FLI	D WIL [48.22, -103.58]			
	08/02/11 20:00 CST		0	Thunderstorm Wind (EG 56 kt)
	08/02/11 20:10 CST		0	Source: Public
Pea size hail accompanied the strong winds.				
An isolated severe thunderstorm over Williams ( gust.	County in northwest North I	Dakota produc	ed large hail and a	a severe thunderstorm wind
GOLDEN VALLEY COUNTY BEACH [46.92, -1	-			
	08/04/11 17:05 MST		25K	Thunderstorm Wind (EG 59 kt)
	08/04/11 17:15 MST		0	Source: Emergency Manager
The strong winds blew the roof off of a lumberyard	building.			
GOLDEN VALLEY COUNTY BEACH [46.92, -1	-			
	08/04/11 17:12 MST		0	Thunderstorm Wind (MG 53 kt)
	08/04/11 17:17 MST		0	Source: AWOS
GOLDEN VALLEY COUNTY BEACH [46.92, -1	04.00]			
	08/04/11 17:17 MST		20K	Thunderstorm Wind (MG 63 kt)
	08/04/11 17:22 MST	3	0	Source: AWOS
Tree damage occurred in Beach. Three injuries oc injuries were minor.	curred at the Golden Valley	County Fairgro	unds when part of	a stage being set up was blown over. The
GOLDEN VALLEY COUNTY 0.5 W SENTINEL	BUTTE [46.92, -103.84]			
	08/04/11 17:25 MST		15K	Thunderstorm Wind (MG 66 kt)
	08/04/11 17:35 MST		0	Source: Newspaper
The strong winds blew over a small shed and a ca	mper causing damage. A fla	agpole was ben	t over and an old fa	arm building was destroyed.
	1 0 0			
MCLEAN COUNTY MAX [47.82, -101.30]	08/04/11 22:59 CST		10K	Hail (1.75 in) Source: Other Federal Agency

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details

Windows were broken.

Severe Thunderstorm Watch number 728 was in effect for this event. Two separate severe storms formed during this event. The first storm impacted Golden Valley County in southwest North Dakota producing severe thunderstorm wind gusts, and the second storm impacted McLean County in central North Dakota with a report of large hail. Both storms developed near a surface boundary and were supported by a short wave upper trough over south central Canada.

BOWMAN COUNTY 21.3 SW RHAME [46.01, -103.96]			
08/05/11 12:36 MS	GT 0	Hail (0.75 in)	
08/05/11 12:41 MS	ST 0	Source: Trained S	potter
30WMAN COUNTY 4.8 W RHAME [46.24, -103.75]			
08/05/11 12:54 MS	о о	Thunderstorm Wir	nd (EG 52 kt)
08/05/11 12:59 MS	ST 0	Source: Trained S	
lickel size hail accompanied the strong winds.			
TARK COUNTY 0.7 N BELFIELD [46.89, -103.20]			
08/05/11 13:35 MS	GT 0	Heavy Rain	
08/05/11 14:20 MS	GT 0	Source: Public	
heavy rain report of 2.90 inches was received from Belfield. This led to	o flash flooding. See the flash f	lood entry for Stark County.	
TARK COUNTY 0.7 N BELFIELD [46.89, -103.20]			
08/05/11 13:35 MS	GT 0	Heavy Rain	
08/05/11 14:20 MS	GT 0	Source: Public	
A heavy rainfall report of 2.90 inches was reported at Belfield.			
STARK COUNTY 0.7 N BELFIELD [46.89, -103.20]			
08/05/11 13:54 MS	ST 0	Hail (0.75 in)	
08/05/11 13:59 MS	GT 0	Source: Amateur	Radio
TARK COUNTY 0.7 N BELFIELD [46.89, -103.20]			
08/05/11 13:58 MS	GT 0	Hail (1.00 in)	
08/05/11 14:07 MS	GT 0	Source: Public	
STARK COUNTY 0.5 ESE SOUTH HEART [46.87, -102.99], 1.2 NNE	SOUTH HEART [46.89, -102.9	9], 0.9 N BELFIELD [46.89, -103.20]	], 1.1 SSE
BELFIELD [46.86, -103.19] 08/05/11 14:00 MS	ST 1:	5K Flash Flood (due t	to Heavy Rain)
08/05/11 17:00 MS		Source: Public	
Four inches of rain in this area flash flooded parts of Highway 10 near S	outh Heart forcing the closure	of the road. Deep water was also re	ported just
butside of Belfield.			J
TARK COUNTY 0.7 N BELFIELD [46.89, -103.20]			
08/05/11 14:20 MS		Hail (1.25 in)	
08/05/11 14:28 MS	GT 0	Source: Public	
STARK COUNTY (DIK)DICKINSON MUNI [46.80, -102.80]			
08/05/11 14:47 MS	GT 0	Thunderstorm Wir	nd (MG 50 kt)
08/05/11 14:53 MS	ST 0	Source: ASOS	
STARK COUNTY 3.3 E DICKINSON [46.88, -102.71]			
08/05/11 14:54 MS	GT 0	Thunderstorm Wir	nd (EG 65 kt)
08/05/11 14:59 MS	GT 0	Source: Law Enfo	rcement
Strong winds were reported on Interstate 94 east of Dickinson.			

Location				
	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/05/11 16:00 MST	-	0	Heavy Rain
	08/05/11 16:00 MST		0	Source: Trained Spotter
A storm total rainfall amount of 4 inches was	reported at Belfield. This resulted	in flash flooding. S	See the flash flood e	entry for Stark County.
GRANT COUNTY 0.8 SW ELGIN [46.39, -*	101.86] 08/05/11 16:20 MST		0	Hail (1 75 in)
	08/05/11 16:27 MST		0	Hail (1.75 in) Source: Trained Spotter
	00/05/11 10.27 1051		0	Source. Trained Spotter
MORTON COUNTY GLEN ULLIN [46.82, -	-101.83]			
	08/05/11 16:45 CST		50K	Thunderstorm Wind (EG 61 kt)
	08/05/11 16:50 CST		0	Source: COOP Observer
Trees six to eight inches in diameter were sna	apped in Glen Ullin. Damage also	occurred to severa	al buildings and oth	ner structures.
MORTON COUNTY 0.5 W HEBRON [46.9	•			
	08/05/11 16:50 CST		15K	Thunderstorm Wind (EG 61 kt)
	08/05/11 16:58 CST		0	Source: Trained Spotter
Trees were blown over by the strong winds in	Hebron.			
MORTON COUNTY GLEN ULLIN [46.82, -				
	08/05/11 16:53 CST		0	Thunderstorm Wind (EG 52 kt)
	08/05/11 16:59 CST		0	Source: Trained Spotter
Very heavy rain accompanied the strong wind	ds.			
MORTON COUNTY 0.5 E NEW SALEM [4	6.85, -101.41]			
	08/05/11 17:15 CST		0	Thunderstorm Wind (EG 52 kt)
	08/05/11 17:19 CST		0	Source: Trained Spotter
Strong winds were reported at New Salem.				
BURLEIGH COUNTY 3.9 NNW BISMARCI	K [46.85, -100.80]			
	08/05/11 18:32 CST		0	Thunderstorm Wind (EG 52 kt)
	08/05/11 18:37 CST		0	Source: Amateur Radio
	e School in north Bismarck.			
Strong winds were reported at Horizon Middle				
Surface low pressure over southwest North southwest and south central North Dakota number 729 and 731 were in effect for this o reports as it tracked from west of Dickinson	through the afternoon hours and event. One particularly strong bo n across Morton and Burleigh co	d into the evening owing storm produ ounties before wea	of August 5th. Sev uced most of the la akening.	vere Thunderstorm Watch arge hail and high wind
Surface low pressure over southwest North southwest and south central North Dakota number 729 and 731 were in effect for this o reports as it tracked from west of Dickinson FOSTER COUNTY 7.5 ESE BORDULAC [	through the afternoon hours and event. One particularly strong bo n across Morton and Burleigh co 47.34, -98.82], 6.9 ESE BORDUL/	d into the evening owing storm produ ounties before wea	of August 5th. Ser uced most of the la akening. 7.6 SE BORDULA	vere Thunderstorm Watch arge hail and high wind C [47.32, -98.84], 8.3 ESE BORDULAC
Surface low pressure over southwest North southwest and south central North Dakota number 729 and 731 were in effect for this o reports as it tracked from west of Dickinson FOSTER COUNTY 7.5 ESE BORDULAC [	through the afternoon hours and event. One particularly strong bo n across Morton and Burleigh co (47.34, -98.82], 6.9 ESE BORDUL/ 08/06/11 07:30 CST	d into the evening owing storm produ ounties before wea	of August 5th. Ser uced most of the la akening. 7.6 SE BORDULA	vere Thunderstorm Watch arge hail and high wind C [47.32, -98.84], 8.3 ESE BORDULAC Flash Flood (due to Heavy Rain)
Surface low pressure over southwest North southwest and south central North Dakota number 729 and 731 were in effect for this o reports as it tracked from west of Dickinson FOSTER COUNTY 7.5 ESE BORDULAC [	through the afternoon hours and event. One particularly strong bo n across Morton and Burleigh co 47.34, -98.82], 6.9 ESE BORDUL/	d into the evening owing storm produ ounties before wea	of August 5th. Ser uced most of the la akening. 7.6 SE BORDULA	vere Thunderstorm Watch arge hail and high wind C [47.32, -98.84], 8.3 ESE BORDULAC
Surface low pressure over southwest North southwest and south central North Dakota number 729 and 731 were in effect for this of reports as it tracked from west of Dickinson FOSTER COUNTY 7.5 ESE BORDULAC [ [47.32, -98.82]	through the afternoon hours and event. One particularly strong bo n across Morton and Burleigh co 47.34, -98.82], 6.9 ESE BORDULA 08/06/11 07:30 CST 08/06/11 10:00 CST he Canadian Pacific railroad track	d into the evening owing storm produ- ounties before wea AC [47.33, -98.84],	of August 5th. Sevuced most of the la akening. 7.6 SE BORDULA 1M 0	vere Thunderstorm Watch arge hail and high wind C [47.32, -98.84], 8.3 ESE BORDULAC Flash Flood (due to Heavy Rain) Source: Emergency Manager
Surface low pressure over southwest North southwest and south central North Dakota number 729 and 731 were in effect for this of reports as it tracked from west of Dickinson FOSTER COUNTY 7.5 ESE BORDULAC [ [47.32, -98.82] Very heavy rain washed out a culvert under the two locomotives and approximately 25 cars to Thunderstorms with very heavy rain resulted	through the afternoon hours and event. One particularly strong bo n across Morton and Burleigh co (47.34, -98.82], 6.9 ESE BORDUL/ 08/06/11 07:30 CST 08/06/11 10:00 CST he Canadian Pacific railroad track o derail. ed in flash flood conditions over	d into the evening owing storm produ- bunties before wea AC [47.33, -98.84], as near Kensal at a portions of Foste	of August 5th. Sev uced most of the la akening. 7.6 SE BORDULA 1M 0 bridge crossing the r County in east co	vere Thunderstorm Watch arge hail and high wind C [47.32, -98.84], 8.3 ESE BORDULAC Flash Flood (due to Heavy Rain) Source: Emergency Manager e James River. The washout caused entral North Dakota. The
Surface low pressure over southwest North southwest and south central North Dakota number 729 and 731 were in effect for this of reports as it tracked from west of Dickinson FOSTER COUNTY 7.5 ESE BORDULAC [ [47.32, -98.82] Very heavy rain washed out a culvert under the two locomotives and approximately 25 cars to Thunderstorms with very heavy rain resulte flooding damaged rail tracks over the Jame	through the afternoon hours and event. One particularly strong bo n across Morton and Burleigh co (47.34, -98.82], 6.9 ESE BORDULA 08/06/11 07:30 CST 08/06/11 10:00 CST he Canadian Pacific railroad track o derail. ed in flash flood conditions over as River, causing a train derailmo	d into the evening owing storm produ- bunties before wea AC [47.33, -98.84], as near Kensal at a portions of Foste	of August 5th. Sev uced most of the la akening. 7.6 SE BORDULA 1M 0 bridge crossing the r County in east co	vere Thunderstorm Watch arge hail and high wind C [47.32, -98.84], 8.3 ESE BORDULAC Flash Flood (due to Heavy Rain) Source: Emergency Manager e James River. The washout caused entral North Dakota. The
Surface low pressure over southwest North southwest and south central North Dakota number 729 and 731 were in effect for this of reports as it tracked from west of Dickinson FOSTER COUNTY 7.5 ESE BORDULAC [ [47.32, -98.82] Very heavy rain washed out a culvert under the two locomotives and approximately 25 cars to Thunderstorms with very heavy rain resulte flooding damaged rail tracks over the Jame	through the afternoon hours and event. One particularly strong bo n across Morton and Burleigh co (47.34, -98.82], 6.9 ESE BORDULA 08/06/11 07:30 CST 08/06/11 10:00 CST he Canadian Pacific railroad track o derail. ed in flash flood conditions over as River, causing a train derailmo	d into the evening owing storm produ- bunties before wea AC [47.33, -98.84], as near Kensal at a portions of Foste	of August 5th. Sev uced most of the la akening. 7.6 SE BORDULA 1M 0 bridge crossing the r County in east co	vere Thunderstorm Watch arge hail and high wind C [47.32, -98.84], 8.3 ESE BORDULAC Flash Flood (due to Heavy Rain) Source: Emergency Manager e James River. The washout caused entral North Dakota. The
Surface low pressure over southwest North southwest and south central North Dakota number 729 and 731 were in effect for this of reports as it tracked from west of Dickinson FOSTER COUNTY 7.5 ESE BORDULAC [ [47.32, -98.82] Very heavy rain washed out a culvert under the two locomotives and approximately 25 cars to Thunderstorms with very heavy rain resulte flooding damaged rail tracks over the Jame	through the afternoon hours and event. One particularly strong bo n across Morton and Burleigh co (47.34, -98.82], 6.9 ESE BORDULA 08/06/11 07:30 CST 08/06/11 10:00 CST he Canadian Pacific railroad track o derail. ed in flash flood conditions over as River, causing a train derailmo	d into the evening owing storm produ- bunties before wea AC [47.33, -98.84], as near Kensal at a portions of Foste	of August 5th. Sev uced most of the la akening. 7.6 SE BORDULA 1M 0 bridge crossing the r County in east co	vere Thunderstorm Watch arge hail and high wind C [47.32, -98.84], 8.3 ESE BORDULAC Flash Flood (due to Heavy Rain) Source: Emergency Manager e James River. The washout caused entral North Dakota. The his accident.
Surface low pressure over southwest North southwest and south central North Dakota number 729 and 731 were in effect for this of reports as it tracked from west of Dickinson FOSTER COUNTY 7.5 ESE BORDULAC [ [47.32, -98.82] Very heavy rain washed out a culvert under the two locomotives and approximately 25 cars to Thunderstorms with very heavy rain resulte flooding damaged rail tracks over the Jame WELLS COUNTY 2.0 ESE HAMBERG [47	through the afternoon hours and event. One particularly strong bo n across Morton and Burleigh co (47.34, -98.82], 6.9 ESE BORDUL/ 08/06/11 07:30 CST 08/06/11 10:00 CST the Canadian Pacific railroad track o derail. ed in flash flood conditions over as River, causing a train derailme (76, -99.46] 08/12/11 12:20 CST 08/12/11 12:24 CST	d into the evening owing storm produ- bunties before wea AC [47.33, -98.84], as near Kensal at a portions of Foste ent. No injuries we	of August 5th. Se uced most of the la akening. 7.6 SE BORDULA 1M 0 bridge crossing the r County in east co ere reported with the 0 0	Vere Thunderstorm Watch arge hail and high wind C [47.32, -98.84], 8.3 ESE BORDULAC Flash Flood (due to Heavy Rain) Source: Emergency Manager e James River. The washout caused entral North Dakota. The his accident. Hail (0.75 in) Source: Mesonet
Strong winds were reported at Horizon Middle Surface low pressure over southwest North southwest and south central North Dakota number 729 and 731 were in effect for this of reports as it tracked from west of Dickinson FOSTER COUNTY 7.5 ESE BORDULAC [ [47.32, -98.82] Very heavy rain washed out a culvert under the two locomotives and approximately 25 cars to Thunderstorms with very heavy rain resulte flooding damaged rail tracks over the Jame WELLS COUNTY 2.0 ESE HAMBERG [47 WELLS COUNTY BOWDON [47.47, -99.57]	through the afternoon hours and event. One particularly strong bo n across Morton and Burleigh co (47.34, -98.82], 6.9 ESE BORDUL/ 08/06/11 07:30 CST 08/06/11 10:00 CST the Canadian Pacific railroad track o derail. ed in flash flood conditions over as River, causing a train derailme (76, -99.46] 08/12/11 12:20 CST 08/12/11 12:24 CST	d into the evening owing storm produ- bunties before wea AC [47.33, -98.84], as near Kensal at a portions of Foste ent. No injuries we	of August 5th. Se uced most of the la akening. 7.6 SE BORDULA 1M 0 bridge crossing the r County in east co ere reported with the 0 0	Vere Thunderstorm Watch arge hail and high wind C [47.32, -98.84], 8.3 ESE BORDULAC Flash Flood (due to Heavy Rain) Source: Emergency Manager e James River. The washout caused entral North Dakota. The his accident. Hail (0.75 in) Source: Mesonet

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Fhunderstorms produced around two incher eroded road shoulders. One report was th	-		v water crossings. I	Damage was minimal and confined to
STUTSMAN COUNTY 7.5 NNW CLEVI				
	08/12/11 13:25 CST		2K	Hail (1.00 in)
	08/12/11 13:29 CST		0	Source: Trained Spotter
ery heavy rain and strong winds up to 50	) miles per hour accompanied the lar	ge hail.		
TUTSMAN COUNTY 4.0 NE SYDNEY				
	08/12/11 13:31 CST		0	Hail (1.00 in)
	08/12/11 13:36 CST		0	Source: Trained Spotter
TUTSMAN COUNTY 1.7 SW YPSILA	NTI [46.76, -98.57]			
	08/12/11 13:55 CST		0	Hail (0.88 in)
	08/12/11 13:59 CST		0	Source: Broadcast Media
TUTSMAN COUNTY 10.6 NNW WOO VOODWORTH [47.05, -99.29]	DWORTH [47.30, -99.35], 5.6 WSW	KENSAL [47.27, -9	8.84], 2.6 SW BUC	HANAN [47.05, -98.87], 7.1 S
	08/12/11 14:00 CST		5K	Flash Flood (due to Heavy Rain)
	08/12/11 16:30 CST		0	Source: COOP Observer
TUTSMAN COUNTY 4.2 S MONTPEL	<b>JER [46.64, -98.59]</b> 08/12/11 14:13 CST 08/12/11 14:19 CST		0 0	Hail (1.00 in) Source: Trained Spotter
			-	
A MOURE COUNTY 2.0 NNW ADRIA	N [46.63, -98.57] 08/12/11 14:25 CST		0	Hail (0.88 in)
	08/12/11 14:29 CST		0	Source: Trained Spotter
	00/12/11 14.29 031		0	Source. Trained Spotter
STUTSMAN COUNTY 0.5 W MONTPE	LIER [46.70, -98.59]			
	08/12/11 14:25 CST		0	Hail (1.00 in)
	08/12/11 14:29 CST		0	Source: COOP Observer
A MOURE COUNTY 4.2 S BERLIN [4	· · ·			
	08/12/11 14:38 CST		0	Hail (1.00 in)
	08/12/11 14:44 CST		0	Source: Emergency Manager
A MOURE COUNTY 0.8 NE LA MOU	RE [46.36, -98.29]			
	08/12/11 14:45 CST		0	Hail (1.00 in)
	08/12/11 14:51 CST		0	Source: Emergency Manager
A MOURE COUNTY 6.5 ESE MARIO	N [46.57, -98.20]			
	08/12/11 15:00 CST		0	Hail (1.00 in)
	08/12/11 15:06 CST		0	Source: Public
A potent short wave trough moving acro nulticellular thunderstorms during the a ncreased the rainfall with the thunderst	afternoon hours of the 12th. Above	average precipitat	ole water values al	head of the trough also
MCKENZIE COUNTY 10.2 W KEENE [	47.94, -103.17]			
· · · · · · · · · · · · · · · · · · ·	08/15/11 00:02 MST		0	Hail (0.88 in)

•	08/15/11 00:02 MST	0	Hail (0.88 in)
	08/15/11 00:08 MST	0	Source: COOP Observer

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/15/11 02:20 MST		0	Hail (0.88 in)
	08/15/11 02:25 MST		0	Source: COOP Observer
MERCER COUNTY 13.3 N ZAP [47.47, -10	1.87]			
	08/15/11 03:26 CST		0	Hail (0.88 in)
	08/15/11 03:31 CST		0	Source: CoCoRaHS
MERCER COUNTY 2.7 ESE HAZEN [47.28				
	08/15/11 03:56 CST		0	Thunderstorm Wind (MG 56 kt)
	08/15/11 04:02 CST		0	Source: AWOS
MERCER COUNTY 5.2 E HAZEN [47.31, -1	101.52]			
	08/15/11 03:56 CST		0	Thunderstorm Wind (EG 52 kt)
	08/15/11 04:03 CST		0	Source: Trained Spotter
Pea size hail accompanied the strong winds.				
MERCER COUNTY 1.6 WNW BEULAH [47	•			
	08/15/11 04:00 CST		0	Hail (1.25 in)
	08/15/11 04:15 CST		0	Source: COOP Observer
Strong winds accompanied the large hail and	damaged the farm. The dollar da	mage estimate wa	is placed with the h	igh thunderstorm wind Storm Data entry.
IERCER COUNTY 2.0 NW BEULAH [47.2	=		101	
	08/15/11 04:00 CST		10K	Thunderstorm Wind (EG 70 kt)
Steep lapse rates and moderate elevated ins	stability developed during the e			
Steep lapse rates and moderate elevated ins stretched from northeast Montana through developed and tracked southeast along this	damaged property on the farm. stability developed during the ea western North Dakota and into S boundary from near McKenzie	South Dakota. An	e 15th north of a s isolated strong to	surface warm front severe thunderstorm
Steep lapse rates and moderate elevated ins stretched from northeast Montana through v developed and tracked southeast along this hunderstorm warnings were issued for this	damaged property on the farm. stability developed during the ea western North Dakota and into S boundary from near McKenzie s storm.	South Dakota. An	e 15th north of a s isolated strong to ismarck before dis	surface warm front severe thunderstorm ssipating. Several severe
Steep lapse rates and moderate elevated ins stretched from northeast Montana through v developed and tracked southeast along this thunderstorm warnings were issued for this	damaged property on the farm. stability developed during the ex- western North Dakota and into S boundary from near McKenzie s storm. -102.70] 08/15/11 15:05 MST	South Dakota. An	e 15th north of a s isolated strong to ismarck before dis 35K	surface warm front severe thunderstorm ssipating. Several severe Hail (1.75 in)
Steep lapse rates and moderate elevated ins stretched from northeast Montana through v developed and tracked southeast along this thunderstorm warnings were issued for this DUNN COUNTY 2.4 W EMERSON [47.18, -	damaged property on the farm. stability developed during the ex- western North Dakota and into S boundary from near McKenzie s storm. -102.70] 08/15/11 15:05 MST 08/15/11 15:15 MST	South Dakota. An	e 15th north of a s isolated strong to ismarck before dis	surface warm front severe thunderstorm ssipating. Several severe
Steep lapse rates and moderate elevated instructched from northeast Montana through vieweloped and tracked southeast along this hunderstorm warnings were issued for this	damaged property on the farm. stability developed during the ex- western North Dakota and into S boundary from near McKenzie s storm. -102.70] 08/15/11 15:05 MST 08/15/11 15:15 MST	South Dakota. An	e 15th north of a s isolated strong to ismarck before dis 35K	surface warm front severe thunderstorm ssipating. Several severe Hail (1.75 in)
Steep lapse rates and moderate elevated ins stretched from northeast Montana through v developed and tracked southeast along this hunderstorm warnings were issued for this DUNN COUNTY 2.4 W EMERSON [47.18, - Fhe large hail resulted in broken windows and	damaged property on the farm. stability developed during the ex- western North Dakota and into S boundary from near McKenzie storm. -102.70] 08/15/11 15:05 MST 08/15/11 15:15 MST d damage to a vehicle. 102.43]	South Dakota. An	e 15th north of a s isolated strong to ismarck before dis 35K 75K	surface warm front severe thunderstorm ssipating. Several severe Hail (1.75 in) Source: Public
Steep lapse rates and moderate elevated ins stretched from northeast Montana through v developed and tracked southeast along this thunderstorm warnings were issued for this DUNN COUNTY 2.4 W EMERSON [47.18,	damaged property on the farm. stability developed during the ex- western North Dakota and into S boundary from near McKenzie storm. -102.70] 08/15/11 15:05 MST 08/15/11 15:15 MST d damage to a vehicle.	South Dakota. An	e 15th north of a s isolated strong to ismarck before dis 35K	surface warm front severe thunderstorm ssipating. Several severe Hail (1.75 in)
Steep lapse rates and moderate elevated instantet of from northeast Montana through valueveloped and tracked southeast along this hunderstorm warnings were issued for this DUNN COUNTY 2.4 W EMERSON [47.18,	damaged property on the farm. stability developed during the ex- western North Dakota and into S boundary from near McKenzie s storm. -102.70] 08/15/11 15:05 MST 08/15/11 15:15 MST d damage to a vehicle. 102.43] 08/15/11 15:45 MST	South Dakota. An	e 15th north of a s isolated strong to ismarck before dis 35K 75K	Surface warm front severe thunderstorm ssipating. Several severe Hail (1.75 in) Source: Public Thunderstorm Wind (EG 59 kt)
Steep lapse rates and moderate elevated ins stretched from northeast Montana through v developed and tracked southeast along this hunderstorm warnings were issued for this DUNN COUNTY 2.4 W EMERSON [47.18, - DUNN COUNTY 2.4 W EMERSON [47.18, - Fine large hail resulted in broken windows and STARK COUNTY 0.5 W TAYLOR [46.90, -1 Strong winds were reported.	damaged property on the farm. stability developed during the ex- western North Dakota and into S boundary from near McKenzie s storm. -102.70] 08/15/11 15:05 MST 08/15/11 15:15 MST d damage to a vehicle. 102.43] 08/15/11 15:45 MST 08/15/11 15:52 MST	South Dakota. An	e 15th north of a s isolated strong to ismarck before dis 35K 75K	Surface warm front severe thunderstorm ssipating. Several severe Hail (1.75 in) Source: Public Thunderstorm Wind (EG 59 kt)
Steep lapse rates and moderate elevated ins stretched from northeast Montana through v developed and tracked southeast along this thunderstorm warnings were issued for this DUNN COUNTY 2.4 W EMERSON [47.18, - DUNN COUNTY 2.4 W EMERSON [47.18, - The large hail resulted in broken windows and STARK COUNTY 0.5 W TAYLOR [46.90, -1 Strong winds were reported.	damaged property on the farm. stability developed during the ex- western North Dakota and into S boundary from near McKenzie s storm. -102.70] 08/15/11 15:05 MST 08/15/11 15:15 MST d damage to a vehicle. 102.43] 08/15/11 15:45 MST 08/15/11 15:52 MST	South Dakota. An	e 15th north of a s isolated strong to ismarck before dis 35K 75K	Surface warm front severe thunderstorm ssipating. Several severe Hail (1.75 in) Source: Public Thunderstorm Wind (EG 59 kt)
Steep lapse rates and moderate elevated ins stretched from northeast Montana through v developed and tracked southeast along this hunderstorm warnings were issued for this DUNN COUNTY 2.4 W EMERSON [47.18, - DUNN COUNTY 2.4 W EMERSON [47.18, - Fine large hail resulted in broken windows and STARK COUNTY 0.5 W TAYLOR [46.90, -1 Strong winds were reported.	damaged property on the farm. stability developed during the ex- western North Dakota and into S boundary from near McKenzie s storm. -102.70] 08/15/11 15:05 MST 08/15/11 15:15 MST d damage to a vehicle. 102.43] 08/15/11 15:45 MST 08/15/11 15:52 MST -103.08]	South Dakota. An	e 15th north of a s isolated strong to ismarck before dis 35K 75K 0 0	Surface warm front severe thunderstorm ssipating. Several severe Hail (1.75 in) Source: Public Thunderstorm Wind (EG 59 kt) Source: COOP Observer
Steep lapse rates and moderate elevated insistretched from northeast Montana through veloped and tracked southeast along this thunderstorm warnings were issued for this DUNN COUNTY 2.4 W EMERSON [47.18,	damaged property on the farm. stability developed during the ex- western North Dakota and into S boundary from near McKenzie s storm. -102.70] 08/15/11 15:05 MST 08/15/11 15:15 MST d damage to a vehicle. 102.43] 08/15/11 15:45 MST 08/15/11 15:52 MST -103.08] 08/15/11 15:55 MST 08/15/11 16:15 MST	South Dakota. An	e 15th north of a s isolated strong to ismarck before dis 35K 75K 0 0	Surface warm front severe thunderstorm ssipating. Several severe Hail (1.75 in) Source: Public Thunderstorm Wind (EG 59 kt) Source: COOP Observer Hail (0.88 in)
Steep lapse rates and moderate elevated insistretched from northeast Montana through videveloped and tracked southeast along this thunderstorm warnings were issued for this DUNN COUNTY 2.4 W EMERSON [47.18,	damaged property on the farm. stability developed during the ex- western North Dakota and into S boundary from near McKenzie s storm. -102.70] 08/15/11 15:05 MST 08/15/11 15:15 MST d damage to a vehicle. 102.43] 08/15/11 15:45 MST 08/15/11 15:52 MST -103.08] 08/15/11 15:55 MST 08/15/11 16:15 MST	South Dakota. An	e 15th north of a s isolated strong to ismarck before dis 35K 75K 0 0	Surface warm front severe thunderstorm ssipating. Several severe Hail (1.75 in) Source: Public Thunderstorm Wind (EG 59 kt) Source: COOP Observer Hail (0.88 in)
Steep lapse rates and moderate elevated insistretched from northeast Montana through veloped and tracked southeast along this thunderstorm warnings were issued for this DUNN COUNTY 2.4 W EMERSON [47.18,	damaged property on the farm. stability developed during the ex- western North Dakota and into S boundary from near McKenzie s storm. -102.70] 08/15/11 15:05 MST 08/15/11 15:15 MST d damage to a vehicle. 102.43] 08/15/11 15:45 MST 08/15/11 15:52 MST -103.08] 08/15/11 15:55 MST 08/15/11 16:15 MST -102.32]	South Dakota. An	e 15th north of a s isolated strong to ismarck before dis 35K 75K 0 0 0	Surface warm front severe thunderstorm ssipating. Several severe Hail (1.75 in) Source: Public Thunderstorm Wind (EG 59 kt) Source: COOP Observer Hail (0.88 in) Source: Trained Spotter
Large hail accompanied the strong winds and Steep lapse rates and moderate elevated ins stretched from northeast Montana through v developed and tracked southeast along this thunderstorm warnings were issued for this DUNN COUNTY 2.4 W EMERSON [47.18, - DUNN COUNTY 2.4 W EMERSON [47.18, - The large hail resulted in broken windows and STARK COUNTY 0.5 W TAYLOR [46.90, -1 Strong winds were reported. SLOPE COUNTY 15.9 SE AMIDON [46.32, STARK COUNTY 5.5 N RICHARDTON [46. ADAMS COUNTY 4.7 NE REEDER [46.16,	damaged property on the farm. stability developed during the ex- western North Dakota and into S boundary from near McKenzie s storm. -102.70] 08/15/11 15:05 MST 08/15/11 15:15 MST d damage to a vehicle. 102.43] 08/15/11 15:45 MST 08/15/11 15:55 MST 08/15/11 15:55 MST 08/15/11 16:15 MST -103.08] 08/15/11 15:57 MST 08/15/11 16:10 MST	South Dakota. An	e 15th north of a s isolated strong to ismarck before dis 35K 75K 0 0 0 0	Surface warm front severe thunderstorm ssipating. Several severe Hail (1.75 in) Source: Public Thunderstorm Wind (EG 59 kt) Source: COOP Observer Hail (0.88 in) Source: Trained Spotter Hail (1.75 in)
Steep lapse rates and moderate elevated insistretched from northeast Montana through veloped and tracked southeast along this thunderstorm warnings were issued for this DUNN COUNTY 2.4 W EMERSON [47.18, DUNN COUNTY 2.4 W EMERSON [47.18, The large hail resulted in broken windows and STARK COUNTY 0.5 W TAYLOR [46.90, -1] Strong winds were reported.	damaged property on the farm. stability developed during the ex- western North Dakota and into S boundary from near McKenzie s storm. -102.70] 08/15/11 15:05 MST 08/15/11 15:15 MST d damage to a vehicle. 102.43] 08/15/11 15:45 MST 08/15/11 15:55 MST 08/15/11 15:55 MST 08/15/11 16:15 MST -103.08] 08/15/11 15:57 MST 08/15/11 16:10 MST	South Dakota. An	e 15th north of a s isolated strong to ismarck before dis 35K 75K 0 0 0 0	Surface warm front severe thunderstorm ssipating. Several severe Hail (1.75 in) Source: Public Thunderstorm Wind (EG 59 kt) Source: COOP Observer Hail (0.88 in) Source: Trained Spotter Hail (1.75 in)
Steep lapse rates and moderate elevated ins stretched from northeast Montana through v developed and tracked southeast along this thunderstorm warnings were issued for this DUNN COUNTY 2.4 W EMERSON [47.18, - DUNN COUNTY 2.5 W TAYLOR [46.90, -1 DUNN COUNTY 5.5 N RICHARDTON [46.32, DUNN COUNTY 5.5 N RICHARDTON [46.32]	damaged property on the farm. stability developed during the ex- western North Dakota and into S boundary from near McKenzie s storm. -102.70] 08/15/11 15:05 MST 08/15/11 15:15 MST d damage to a vehicle. 102.43] 08/15/11 15:45 MST 08/15/11 15:55 MST 08/15/11 15:55 MST 08/15/11 16:15 MST -103.08] 08/15/11 15:57 MST 08/15/11 16:10 MST -102.87]	South Dakota. An	e 15th north of a s isolated strong to ismarck before dis 35K 75K 0 0 0 0 0 0	Surface warm front severe thunderstorm ssipating. Several severe Hail (1.75 in) Source: Public Thunderstorm Wind (EG 59 kt) Source: COOP Observer Hail (0.88 in) Source: Trained Spotter Hail (1.75 in) Source: CoCoRaHS

				0
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/15/11 17:05 MST	-	0	Thunderstorm Wind (EG 56 kt)
	08/15/11 17:10 MST		0	Source: Public
Pea size hail accompanied the strong winds.				
BOWMAN COUNTY 0.5 W BUFFALO SPGS	46 17 -103 241			
	08/15/11 17:52 MST		0	Hail (1.00 in)
	08/15/11 17:58 MST		0	Source: Trained Spotter
BOWMAN COUNTY 1.2 NE BUFFALO SPGS	[46.18103.21]			
	08/15/11 17:58 MST		0	Hail (1.00 in)
	08/15/11 18:06 MST		0	Source: Trained Spotter
MORTON COUNTY 7.6 N GLEN ULLIN [46.93	3101.831			
	08/15/11 18:00 CST		0	Hail (1.00 in)
	08/15/11 18:08 CST		0	Source: Trained Spotter
BOWMAN COUNTY 0.5 W SCRANTON [46.1	5103.14]			
	08/15/11 18:15 MST		0	Hail (2.00 in)
	08/15/11 18:21 MST		0	Source: Public
GRANT COUNTY NEW LEIPZIG [46.37, -101	951			
	08/15/11 18:25 MST		0	Hail (0.88 in)
	08/15/11 18:31 MST		0	Source: Trained Spotter
GRANT COUNTY 8.5 SSE LEITH [46.23, -101	.59]			
	08/15/11 19:05 MST		0	Hail (1.00 in)
	08/15/11 19:10 MST		0	Source: Trained Spotter
MORTON COUNTY MANDAN MUNI ARPT [4	6.77, -100.90]			
	08/15/11 19:44 CST		0	Thunderstorm Wind (MG 76 kt)
	08/15/11 19:49 CST		0	Source: AWOS
BURLEIGH COUNTY 0.8 NW BISMARCK [46	.81, -100.78]			
	08/15/11 19:45 CST		0	Heavy Rain
	08/15/11 20:45 CST		0	Source: NWS Employee
Heavy rain measuring 2.9 inches fell in one hour				
BURLEIGH COUNTY 0.8 NW BISMARCK [46				
	08/15/11 19:53 CST		0	Thunderstorm Wind (MG 52 kt)
	08/15/11 19:58 CST		0	Source: Amateur Radio
BURLEIGH COUNTY (BIS)BISMARCK MUNI	• •			
	08/15/11 20:10 CST		0	Thunderstorm Wind (MG 62 kt)
	08/15/11 20:20 CST		0	Source: ASOS
BURLEIGH COUNTY 5.5 N BISMARCK [46.8				
	08/15/11 20:10 CST		0	Hail (0.75 in)
	08/15/11 20:16 CST		0	Source: NWS Employee
BURLEIGH COUNTY 7.2 N BISMARCK [46.9				
	08/15/11 20:15 CST		0	Hail (1.00 in)
	08/15/11 20:20 CST		0	Source: NWS Employee

BURLEIGH COUNTY --- 8.8 SW BALDWIN [46.93, -100.88], 8.2 SE BALDWIN [46.94, -100.66], 4.4 ESE (BIS)BISMARCK MUNI A [46.75, -100.67], 4.0 WSW (BIS)BISMARCK MUNI A [46.75, -100.82]

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/15/11 20:20 CST		0.10M	Flash Flood (due to Heavy Rain)
	08/16/11 00:45 CST		0	Source: Amateur Radio

Flooded roads were reported throughout Bismarck with water as much as two feet deep on streets. Water was running over curbs and through yards. Ditches in rural north Bismarck were full to overflowing and threatening homes. Two to three inches of rain fell on Bismarck. Rain at the airport measured 2.48 inches.

BURLEIGH COUNTY 2.0 WSW FT LINCOLN [46.81, -100.64]		
08/15/11 20:30 CST	0	Thunderstorm Wind (EG 61 kt)
08/15/11 20:35 CST	0	Source: Public
leavy rain accompanied the strong winds.		
BURLEIGH COUNTY 6.2 N ARENA [47.22, -100.16]		
08/15/11 20:50 CST	0	Hail (1.00 in)
08/15/11 20:55 CST	0	Source: Trained Spotter
ADAMS COUNTY 0.5 W HETTINGER [46.00, -102.64]		
08/15/11 21:15 MST	0	Thunderstorm Wind (MG 55 kt)
08/15/11 21:20 MST	0	Source: ASOS
A severe weather outbreak unfolded during the late afternoon and evening of the 15th along several boundaries over southwest and south central North Dakota. Supercell southwest, then formed into an organized bowing segment as the storms progressed hunderstorm Watch number 782 was in effect for this event. Numerous warnings we	storms formed initiall d eastward into the so	y over the west central and
SIOUX COUNTY 8.9 SSW FT YATES [45.96, -100.70]	0	
08/18/11 14:45 MST	0	Hail (1.00 in)
08/18/11 14:50 MST	0	Source: Public
BURLEIGH COUNTY 8.5 NNW ARENA [47.25, -100.21] 08/22/11 19:20 CST 08/22/11 19:25 CST	0 0	Hail (1.50 in) Source: Trained Spotter
BURLEIGH COUNTY 2.7 ESE (BIS)BISMARCK MUNI A [46.76, -100.70]	0	
08/22/11 19:23 CST	0	Hail (0.75 in)
08/22/11 19:33 CST	0	Source: Trained Spotter
BURLEIGH COUNTY 3.1 SE (BIS)BISMARCK MUNI A [46.75, -100.70]		
08/22/11 19:23 CST	0	Hail (1.00 in)
	0 0	Hail (1.00 in) Source: NWS Employee
08/22/11 19:23 CST 08/22/11 19:28 CST		
08/22/11 19:23 CST 08/22/11 19:28 CST		
08/22/11 19:23 CST 08/22/11 19:28 CST (IDDER COUNTY 4.2 SE TUTTLE [47.10, -99.93]	0	Source: NWS Employee
08/22/11 19:23 CST 08/22/11 19:28 CST KIDDER COUNTY 4.2 SE TUTTLE [47.10, -99.93] 08/22/11 20:20 CST 08/22/11 20:25 CST	0	Source: NWS Employee Hail (1.00 in)
08/22/11 19:23 CST 08/22/11 19:28 CST KIDDER COUNTY 4.2 SE TUTTLE [47.10, -99.93] 08/22/11 20:20 CST 08/22/11 20:25 CST	0	Source: NWS Employee Hail (1.00 in)
08/22/11 19:23 CST 08/22/11 19:28 CST (IDDER COUNTY 4.2 SE TUTTLE [47.10, -99.93] 08/22/11 20:20 CST 08/22/11 20:25 CST (IDDER COUNTY 4.2 NW TAPPEN [46.92, -99.67]	0 0 0	Source: NWS Employee Hail (1.00 in) Source: Trained Spotter
08/22/11 19:23 CST 08/22/11 19:28 CST (IDDER COUNTY 4.2 SE TUTTLE [47.10, -99.93] 08/22/11 20:20 CST 08/22/11 20:25 CST (IDDER COUNTY 4.2 NW TAPPEN [46.92, -99.67] 08/22/11 20:26 CST 08/22/11 20:28 CST	0 0 0 0 0	Source: NWS Employee Hail (1.00 in) Source: Trained Spotter Hail (0.88 in)
08/22/11 19:23 CST 08/22/11 19:28 CST (IDDER COUNTY 4.2 SE TUTTLE [47.10, -99.93] 08/22/11 20:20 CST 08/22/11 20:25 CST (IDDER COUNTY 4.2 NW TAPPEN [46.92, -99.67] 08/22/11 20:26 CST 08/22/11 20:28 CST	0 0 0 0 0	Source: NWS Employee Hail (1.00 in) Source: Trained Spotter Hail (0.88 in)
08/22/11 19:23 CST 08/22/11 19:28 CST (IDDER COUNTY 4.2 SE TUTTLE [47.10, -99.93] 08/22/11 20:20 CST 08/22/11 20:25 CST 08/22/11 20:25 CST 08/22/11 20:26 CST 08/22/11 20:28 CST 08/22/11 20:28 CST 08/22/11 20:28 CST	0 0 0 0	Source: NWS Employee Hail (1.00 in) Source: Trained Spotter Hail (0.88 in) Source: Public

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/22/11 20:54 CST		0	Hail (0.88 in)
	08/22/11 20:59 CST		0	Source: Trained Spotter
KIDDER COUNTY PETTIBONE [47.12, -99.52	2]			
	08/22/11 21:05 CST		0	Hail (0.88 in)
	08/22/11 21:08 CST		0	Source: Trained Spotter
STUTSMAN COUNTY 0.7 N MEDINA [46.89,	-99.30]			
	08/22/11 21:34 CST		0	Hail (1.00 in)
	08/22/11 21:39 CST		0	Source: Trained Spotter
LA MOURE COUNTY 1.0 N EDGELEY [46.38	3, -98.70]			
	08/22/11 22:28 CST		0	Hail (1.00 in)
	08/22/11 22:33 CST		0	Source: Public
LA MOURE COUNTY 1.0 W EDGELEY [46.3	7, -98.72]			
• • •	08/22/11 22:28 CST		0	Thunderstorm Wind (EG 61 kt)
	08/22/11 22:33 CST		0	Source: Public
Large hail accompanied the strong winds.				
A mid level short wave trough digging southe and southeastern portions of North Dakota. C severe.				
DIVIDE COUNTY 8.4 N ALKABO [48.99, -103	-			
	08/27/11 21:09 CST		0	Hail (1.00 in)
	08/27/11 21:15 CST		0	Source: Trained Spotter
Strong winds up to 55 miles per hour were also	reported.			
STARK COUNTY 4.9 N DICKINSON [46.95, -	=			
	08/28/11 00:05 MST		0	Hail (1.75 in)
	08/28/11 00:10 MST		0	Source: Public
STARK COUNTY 2.8 N DICKINSON [46.92, -	102.79]			
	08/28/11 00:09 MST		0	Hail (0.88 in)
	08/28/11 00:14 MST		0	Source: Law Enforcement
GRANT COUNTY 4.0 SSW LARK [46.40, -10	1.44]			
- /	08/28/11 02:30 MST		0	Hail (0.88 in)
	08/28/11 02:34 MST		0	Source: COOP Observer
EMMONS COUNTY 4.0 NW WESTFIELD [46	.07, -100.26]			
•	08/28/11 03:00 CST		0	Hail (1.50 in)
	08/28/11 03:10 CST		0	Source: Trained Spotter
EMMONS COUNTY 1.0 SW WESTFIELD [46	.02, -100.211			
	08/28/11 03:20 CST		0	Thunderstorm Wind (EG 52 kt)
	08/28/11 03:30 CST		0	Source: Trained Spotter
Large hail accompanied the strong winds.				
EMMONS COUNTY 1.2 SW WESTFIELD [46	.02100.221			
	08/28/11 03:20 CST		0	Hail (1.50 in)
	08/28/11 03:30 CST		0	Source: Trained Spotter

A northwest to southeast advecting short wave trough combined with over 50 knots of effective shear and modest instability to develop severe thunderstorms during the late evening of the 27th and early morning of the 28th. Thunderstorms formed on a northwest to southeast oriented moisture and instability axis and tracked along that axis.

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
SLOPE COUNTY 6.2 W MARMARTH [46.29,	, -104.03]			
	08/31/11 19:22 MST		15K	Hail (1.75 in)
	08/31/11 19:26 MST		0	Source: Public
The large hail broke windows.				
MCKENZIE COUNTY 3.5 N FAIRVIEW [47.9	0, -104.02]			
	08/31/11 19:25 MST		0	Hail (1.00 in)
	08/31/11 19:31 MST		0	Source: County Official
BOWMAN COUNTY 3.5 N RHAME [46.28, -1	103.65], 0.2 WNW RHAME [46.2	23, -103.65]		
	08/31/11 19:40 MST		0	Hail (1.75 in)
	08/31/11 19:50 MST		0	Source: Public
SLOPE COUNTY 15.8 NE MARMARTH [46.4	45, -103.65]			
	08/31/11 19:40 MST		5K	Lightning
	08/31/11 19:40 MST		0	Source: Emergency Manager
A lightning strike triggered a large grass fire in s	southern Slope County that burr	ned into the next d	ay. The fire spread	through rows of hay bales.
STARK COUNTY 2.0 N SOUTH HEART [46.4	90, -103.00]			
•	08/31/11 19:50 MST		5K	Lightning
	08/31/11 19:50 MST		0	Source: Newspaper
A lightning strike triggered a large grass fire near	ar South Heart in western Stark	County. The fire a	lso burned around	fifty hay bales.
BOWMAN COUNTY 0.5 E BOWMAN [46.18,	, -103.39]			
	08/31/11 19:51 MST		0	Thunderstorm Wind (EG 50 kt)
	08/31/11 19:56 MST		0	Source: Mesonet
A report of a severe wind gust was received.				
STARK COUNTY 0.5 E (DIK)DICKINSON MU				
	08/31/11 20:04 MST		0	Thunderstorm Wind (MG 52 kt)
	08/31/11 20:09 MST		0	Source: ASOS
BOWMAN COUNTY 0.5 W SCRANTON [46.	15, -103.14]			
	08/31/11 20:07 MST		0	Thunderstorm Wind (MG 56 kt)
	08/31/11 20:14 MST		0	Source: Mesonet
HETTINGER COUNTY 1.2 NW NEW ENGLA	ND [46.54, -102.87]			
	08/31/11 20:20 MST		0	Hail (1.00 in)
	08/31/11 20:24 MST		0	Source: Trained Spotter
	)2.43]			
			0	Thunderstorm Wind (MG 54 kt)
	08/31/11 20:26 MST		-	
	08/31/11 20:26 MST 08/31/11 20:31 MST		0	Source: COOP Observer
	08/31/11 20:31 MST		0	Source: COOP Observer
HETTINGER COUNTY 12.6 N MOTT [46.56,	08/31/11 20:31 MST -102.36]			
HETTINGER COUNTY 12.6 N MOTT [46.56,	08/31/11 20:31 MST -102.36] 08/31/11 20:35 MST		0	Hail (1.50 in)
HETTINGER COUNTY 12.6 N MOTT [46.56,	08/31/11 20:31 MST -102.36]			
HETTINGER COUNTY 12.6 N MOTT [46.56,	08/31/11 20:31 MST -102.36] 08/31/11 20:35 MST 08/31/11 20:37 MST		0	Hail (1.50 in)
	08/31/11 20:31 MST -102.36] 08/31/11 20:35 MST 08/31/11 20:37 MST		0	Hail (1.50 in)

Tree branches were broken off at the Williston airport and a new hanger was damaged.

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
STARK COUNTY 2.3 SW ANTELOPE [4	-			
	08/31/11 21:00 MST		0	Thunderstorm Wind (EG 52 kt)
	08/31/11 21:05 MST		0	Source: Mesonet
Pea size hail accompanied the strong wind	S.			
MOUNTRAIL COUNTY 3.3 NNW STANL			_	
	08/31/11 21:50 CST		0	Thunderstorm Wind (EG 52 kt)
	08/31/11 21:55 CST		0	Source: COOP Observer
Strong winds were reported.				
MOUNTRAIL COUNTY 6.1 SE LOSTWO				
	08/31/11 22:10 CST		0	Thunderstorm Wind (EG 56 kt)
	08/31/11 22:15 CST		0	Source: Public
Strong winds were reported.				
MERCER COUNTY 1.6 ESE HAZEN [47				
	08/31/11 22:20 CST		0	Thunderstorm Wind (MG 53 kt)
	08/31/11 22:25 CST		0	Source: AWOS
MORTON COUNTY 6.2 NNW SIMS [46.8	35, -101.56]			
	08/31/11 22:20 CST		65K	Thunderstorm Wind (EG 61 kt)
	08/31/11 22:28 CST		0	Source: Fire Department/Rescue
Straight line wind damage occurred near No home. MCLEAN COUNTY 1.2 SE COLEHARBO		ed, an auger was t	pped over, and de	bris was thrown into the side of a
	08/31/11 22:50 CST		0	Thunderstorm Wind (MG 56 kt)
	08/31/11 22:55 CST		0	Source: Trained Spotter
MORTON COUNTY 5.1 ENE SWEET BR	IAR [46.87, -101.09]			
	08/31/11 22:51 CST		0	Thunderstorm Wind (EG 52 kt)
	08/31/11 22:57 CST		0	Source: Trained Spotter
Strong winds were reported.				
MCLEAN COUNTY 1.0 N MERCER [47.4	<b>1</b> 9, -100.72]			
	08/31/11 23:00 CST		18K	Thunderstorm Wind (EG 61 kt)
	08/31/11 23:10 CST		0	Source: Public
Several trees were snapped or uprooted.				
SHERIDAN COUNTY MCCLUSKY [47.4	8, -100.45]			
	08/31/11 23:13 CST		0	Thunderstorm Wind (EG 56 kt)
	08/31/11 23:18 CST		0	Source: Public
Brief power outages were reported with the	strong winds.			
WELLS COUNTY HARVEY [47.77, -99.9	-			
	08/31/11 23:54 CST		2K	Thunderstorm Wind (EG 52 kt)
	08/31/11 23:59 CST		0	Source: Broadcast Media
Small tree limbs were broken.				

Small tree limbs were broken.

Increasing warm air advection ahead of a short wave impulse combined with a moderately unstable and strongly sheared environment to result in severe thunderstorms over much of west and portions of central North Dakota in the evening of the 31st. Severe Thunderstorm Watch number 819 was in effect for this event.