Deaths &

Property &

Event Type and Details

Date/Time

Location

		Injuries	Crop Dmg	
NORTH DAKOTA, Central and	West			
DUNN COUNTY 22.1 NW KILLDEER	R [47.60, -103.10] 08/01/08 17:50 MST		0	Hail (2.50 in)
	08/01/08 17:57 MST		0	Source: Trained Spotter
	00/01/00 17.57 WG1		O	Source: Trained opolier
No damage was reported with the large	hail.			
MOUNTRAIL COUNTY 0.8 SW NEW	TOWN [47.97, -102.49]			
	08/01/08 18:45 CST		0	Hail (0.75 in)
	08/01/08 18:52 CST		0	Source: Trained Spotter
DUNN COUNTY 9.7 NNW WERNER	[47.50, -102.55]			
	08/01/08 18:55 MST		0	Hail (1.75 in)
	08/01/08 19:12 MST		0	Source: Trained Spotter
The hail varied in size with the largest s	tones the size of golf balls. No damage w	vas reported.		
MOUNTRAIL COUNTY 0.5 E PLAZA	[48 03 -101 96]			
MOORITALE GOORTT U.S E PLAZA	08/01/08 19:15 CST		0	Hail (1.00 in)
	08/01/08 19:26 CST		0	Source: Public
DUNN COUNTY 0.5 W HALLIDAY [4				11 7 4 99 ;)
	08/01/08 19:17 MST		0	Hail (1.00 in)
	08/01/08 19:37 MST		0	Source: COOP Observer
VARD COUNTY 7.6 N MAKOTI [48.	08/01/08 19:24 CST		0	Hail (1.50 in)
NARD COUNTY 7.6 N MAKOTI [48.0	· ·		0	Hail (1.50 in) Source: Public
	08/01/08 19:24 CST	[3]	_	
	08/01/08 19:24 CST 08/01/08 19:32 CST	3]	_	
	08/01/08 19:24 CST 08/01/08 19:32 CST 3, -101.30], 0.4 N SURREY [48.24, -101.1	[3]	0	Source: Public
WARD COUNTY 0.9 W MINOT [48.2	08/01/08 19:24 CST 08/01/08 19:32 CST 3, -101.30], 0.4 N SURREY [48.24, -101.1 08/01/08 20:14 CST		0	Source: Public Hail (1.00 in)
NARD COUNTY 0.9 W MINOT [48.2: A west to east swath of nickel to quarte	08/01/08 19:24 CST 08/01/08 19:32 CST 3, -101.30], 0.4 N SURREY [48.24, -101.1 08/01/08 20:14 CST 08/01/08 20:27 CST r size hail fell from the city of Minot to the		0	Source: Public Hail (1.00 in)
NARD COUNTY 0.9 W MINOT [48.2: A west to east swath of nickel to quarte	08/01/08 19:24 CST 08/01/08 19:32 CST 3, -101.30], 0.4 N SURREY [48.24, -101.1 08/01/08 20:14 CST 08/01/08 20:27 CST r size hail fell from the city of Minot to the		0	Source: Public Hail (1.00 in)
NARD COUNTY 0.9 W MINOT [48.2: A west to east swath of nickel to quarte	08/01/08 19:24 CST 08/01/08 19:32 CST 3, -101.30], 0.4 N SURREY [48.24, -101.1 08/01/08 20:14 CST 08/01/08 20:27 CST r size hail fell from the city of Minot to the		0 0 0	Source: Public Hail (1.00 in) Source: Broadcast Media
WARD COUNTY 0.9 W MINOT [48.2] A west to east swath of nickel to quarter MOUNTRAIL COUNTY 2.8 S NEW T In the early evening hours of Friday, A presence of steep lapse rates and stro ow level jet was developing and expe	08/01/08 19:24 CST 08/01/08 19:32 CST 3, -101.30], 0.4 N SURREY [48.24, -101.1 08/01/08 20:14 CST 08/01/08 20:27 CST r size hail fell from the city of Minot to the OWN [47.94, -102.49] 08/01/08 20:42 CST 08/01/08 20:45 CST August 1st, scattered diurnal thunderstoong vertical shear. Severe Thunderstoricted to intensify, supporting ongoing c	e town of Surrey. Orms developed a m Watch 789 was	0 0 0 0 cross western N	Source: Public Hail (1.00 in) Source: Broadcast Media Hail (1.75 in) Source: Trained Spotter orth Dakota in the ne evening as a nocturnal
NARD COUNTY 0.9 W MINOT [48.2] A west to east swath of nickel to quarter MOUNTRAIL COUNTY 2.8 S NEW T In the early evening hours of Friday, A presence of steep lapse rates and stroow level jet was developing and expertance warnings were issued. Several reports	08/01/08 19:24 CST 08/01/08 19:32 CST 3, -101.30], 0.4 N SURREY [48.24, -101.1 08/01/08 20:14 CST 08/01/08 20:27 CST r size hail fell from the city of Minot to the OWN [47.94, -102.49] 08/01/08 20:42 CST 08/01/08 20:45 CST August 1st, scattered diurnal thunderstory vertical shear. Severe Thunderstory cted to intensify, supporting ongoing c s of large hail were received.	e town of Surrey. Orms developed a m Watch 789 was	0 0 0 0 cross western N	Source: Public Hail (1.00 in) Source: Broadcast Media Hail (1.75 in) Source: Trained Spotter orth Dakota in the ne evening as a nocturnal
NARD COUNTY 0.9 W MINOT [48.2] A west to east swath of nickel to quarter MOUNTRAIL COUNTY 2.8 S NEW T In the early evening hours of Friday, A presence of steep lapse rates and stroow level jet was developing and expertance warnings were issued. Several reports	08/01/08 19:24 CST 08/01/08 19:32 CST 3, -101.30], 0.4 N SURREY [48.24, -101.1 08/01/08 20:14 CST 08/01/08 20:27 CST r size hail fell from the city of Minot to the OWN [47.94, -102.49] 08/01/08 20:42 CST 08/01/08 20:45 CST August 1st, scattered diurnal thunderstorn vertical shear. Severe Thunderstorn cted to intensify, supporting ongoing cs of large hail were received.	e town of Surrey. Orms developed a m Watch 789 was	0 0 0 0 cross western N	Hail (1.00 in) Source: Broadcast Media Hail (1.75 in) Source: Trained Spotter orth Dakota in the ne evening as a nocturnal hal development. A dozen Hail (1.75 in)
NARD COUNTY 0.9 W MINOT [48.2] A west to east swath of nickel to quarte MOUNTRAIL COUNTY 2.8 S NEW T In the early evening hours of Friday, A presence of steep lapse rates and stro ow level jet was developing and expertance warnings were issued. Several reports	08/01/08 19:24 CST 08/01/08 19:32 CST 3, -101.30], 0.4 N SURREY [48.24, -101.1 08/01/08 20:14 CST 08/01/08 20:27 CST r size hail fell from the city of Minot to the OWN [47.94, -102.49] 08/01/08 20:42 CST 08/01/08 20:45 CST August 1st, scattered diurnal thunderstory vertical shear. Severe Thunderstory cted to intensify, supporting ongoing c s of large hail were received.	e town of Surrey. Orms developed a m Watch 789 was	0 0 0 0 cross western N issued later in the	Hail (1.00 in) Source: Broadcast Media Hail (1.75 in) Source: Trained Spotter orth Dakota in the ne evening as a nocturnal nal development. A dozen
NARD COUNTY 0.9 W MINOT [48.2] A west to east swath of nickel to quarter MOUNTRAIL COUNTY 2.8 S NEW T In the early evening hours of Friday, A presence of steep lapse rates and stroow level jet was developing and expertainings were issued. Several reports	08/01/08 19:24 CST 08/01/08 19:32 CST 3, -101.30], 0.4 N SURREY [48.24, -101.1 08/01/08 20:14 CST 08/01/08 20:27 CST r size hail fell from the city of Minot to the OWN [47.94, -102.49] 08/01/08 20:42 CST 08/01/08 20:45 CST August 1st, scattered diurnal thunderstory cted to intensify, supporting ongoing cost of large hail were received. [48.32, -102.55] 08/02/08 05:08 CST 08/02/08 05:14 CST	e town of Surrey. Orms developed a m Watch 789 was	0 0 0 0 cross western N issued later in the	Hail (1.00 in) Source: Broadcast Media Hail (1.75 in) Source: Trained Spotter orth Dakota in the ne evening as a nocturnal hal development. A dozen Hail (1.75 in)
A west to east swath of nickel to quarte MOUNTRAIL COUNTY 2.8 S NEW T In the early evening hours of Friday, A presence of steep lapse rates and stro	08/01/08 19:24 CST 08/01/08 19:32 CST 3, -101.30], 0.4 N SURREY [48.24, -101.1 08/01/08 20:14 CST 08/01/08 20:27 CST r size hail fell from the city of Minot to the OWN [47.94, -102.49] 08/01/08 20:42 CST 08/01/08 20:45 CST August 1st, scattered diurnal thunderstorn cited to intensify, supporting ongoing cits of large hail were received. [48.32, -102.55] 08/02/08 05:08 CST 08/02/08 05:14 CST the large hail.	e town of Surrey. Orms developed a m Watch 789 was	0 0 0 0 cross western N issued later in the	Hail (1.00 in) Source: Broadcast Media Hail (1.75 in) Source: Trained Spotter orth Dakota in the ne evening as a nocturnal hal development. A dozen Hail (1.75 in)
NARD COUNTY 0.9 W MINOT [48.2] A west to east swath of nickel to quarter MOUNTRAIL COUNTY 2.8 S NEW T on the early evening hours of Friday, A presence of steep lapse rates and stro ow level jet was developing and experimentally was developing and experimentally was developed and experimen	08/01/08 19:24 CST 08/01/08 19:32 CST 3, -101.30], 0.4 N SURREY [48.24, -101.1 08/01/08 20:14 CST 08/01/08 20:27 CST r size hail fell from the city of Minot to the OWN [47.94, -102.49] 08/01/08 20:42 CST 08/01/08 20:45 CST August 1st, scattered diurnal thunderstorn cited to intensify, supporting ongoing cits of large hail were received. [48.32, -102.55] 08/02/08 05:08 CST 08/02/08 05:14 CST the large hail.	e town of Surrey. Orms developed a m Watch 789 was	0 0 0 0 cross western N issued later in the	Hail (1.00 in) Source: Broadcast Media Hail (1.75 in) Source: Trained Spotter orth Dakota in the ne evening as a nocturnal hal development. A dozen Hail (1.75 in)

Page 1 of 6 Printed on: 12/19/2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/02/08 05:52 CST		0	Hail (1.75 in)
	08/02/08 05:59 CST		0	Source: Public
No damage reports were received.				
MOUNTRAIL COUNTY 3.3 NNW STANLE	= = = = = = = = = = = = = = = = = = = =			
	08/02/08 06:14 CST		0	Hail (1.00 in)
	08/02/08 06:21 CST		0	Source: COOP Observer
MCLEAN COUNTY ROSEGLEN [47.75, -1	=			
	08/02/08 06:30 CST		0	Hail (1.00 in)
	08/02/08 06:38 CST		0	Source: Mesonet
WARD COUNTY 1.4 S (MIB)MINOT AFB [48.41, -101.37]			
	08/02/08 07:01 CST		0	Hail (1.00 in)
	08/02/08 07:09 CST		0	Source: Mesonet
MCLEAN COUNTY 9.1 NNW GARRISON	[47.77, -101.50]			
	08/02/08 07:06 CST		0	Hail (1.00 in)
	08/02/08 07:13 CST		0	Source: Mesonet
MCLEAN COUNTY 0.5 E MAX [47.82, -10	1.29] 08/02/08 07:18 CST		0	Hail (0.88 in)
	08/02/08 07:22 CST		0	Source: Mesonet
	06/02/06 07:22 031		U	Source. Mesonet
WARD COUNTY 0.9 W MINOT [48.23, -10	=			
	08/02/08 07:50 CST		0	Hail (1.75 in)
	08/02/08 07:57 CST		0	Source: COOP Observer
No damage reports were received.				
WARD COUNTY FOXHOLM [48.37, -101.5				
	08/02/08 07:59 CST		0	Hail (1.00 in)
	08/02/08 08:05 CST		0	Source: Public
WARD COUNTY 0.9 W MINOT [48.23, -10	1.30]			
- · ·	08/02/08 08:20 CST		0	Hail (1.25 in)
	08/02/08 08:26 CST		0	Source: Law Enforcement
RENVILLE COUNTY 0.7 N GLENBURN A	PDT [48 51 _101 22]			
RENVILLE COUNTY 0.7 N GLENBORN A	08/02/08 09:00 CST		0	Hail (1.00 in)
	08/02/08 09:09 CST		0	Source: Trained Spotter
Nickel to quarter size hail was reported.				
DOTTING ALL COLUMNS ASSESSMENT AS	ND ADDT 140 00 104 000			
BOTTINEAU COUNTY 2.7 ESE LANSFOR	RD ARPT [48.60, -101.33] 08/02/08 09:23 CST		0	Hail (0.88 in)
	08/02/08 09:23 CST 08/02/08 09:29 CST		0	Source: Trained Spotter
	00/02/00 09.29 051		U	Godice. Hained Spotter
BOTTINEAU COUNTY 6.9 E FORFAR SID				
	08/02/08 09:51 CST		0	Hail (1.00 in)
	08/02/08 09:54 CST		0	Source: Amateur Radio
BOTTINEAU COUNTY 0.5 W LANSFORD	[48.63, -101.38]			
	08/02/08 09:52 CST		0	Hail (0.75 in)
	08/02/08 09:55 CST		0	Source: COOP Observer
	00/02/00 09.55 051		U	Cource. Coor Observer

Page 2 of 6 Printed on: 12/19/2008

	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/02/08 10:04 CST		0	Hail (1.00 in)
	08/02/08 10:06 CST		0	Source: Trained Spotter
OLETTE COUNTY 5.1 W FONDA [48.68,	, -100.13]			
	08/02/08 11:15 CST		0	Hail (0.88 in)
	08/02/08 11:30 CST		0	Source: COOP Observer
orrential rain and estimated winds up to 60 r	mph accompanied pea to nickel s	ize hail.		
IERCE COUNTY 5.0 W WOLFORD [48.50	·			Hail (0.75 ia)
	08/02/08 12:04 CST		0	Hail (0.75 in)
	08/02/08 12:16 CST		0	Source: Trained Spotter
OSTER COUNTY 2.8 W MC HENRY [47.			0	Hail (4.00 in)
	08/02/08 13:48 CST 08/02/08 13:50 CST		0	Hail (1.00 in) Source: COOP Observer
evelopment from the early morning to the sued. Numerous reports of large hail were	e received during the morning a	=		storm warnings were
MERCER COUNTY 9.2 NNE ZAP [47.41, -	101.88] 08/03/08 01:45 MST		3K	Thunderstorm Wind (EG 52 kt)
	08/03/08 01:54 MST		0	Source: Trained Spotter
The severe thunderstorm wind gusts snapped	d three inch in diameter tree limbs	S.		
MOUNTRAIL COUNTY 0.5 E PLAZA [48.0	- ·			
	08/03/08 03:53 CST		0	Thunderstorm Wind (MG 62 kt)
	08/03/08 03:57 CST		0	Source: Mesonet
his was from a North Dakota Agriculture We	eather Network site measurement.			
				There dends on Wind (50 04 II)
MCLEAN COUNTY 0.8 NE MERCER [47.4				Thunderstorm Wind (EG 61 kt)
ICLEAN COUNTY 0.8 NE MERCER [47.4	08/03/08 04:52 CST		0	· · · · · · · · · · · · · · · · · · ·
	08/03/08 04:52 CST 08/03/08 04:57 CST		0	Source: Public
n the early morning hours of Sunday, Augu Dakota. this in anticipation of ongoing thun North Dakota. The storms were forecast to severe thunderstorm warnings were issued nours.	08/03/08 04:52 CST 08/03/08 04:57 CST ust 3rd, Severe Thunderstorm W iderstorms over eastern Montan strengthen as an upper level sho	a and northwest S ort wave impulse	0 ned for much of we south Dakota expa moved into the no	Source: Public est and central North inding east-northeast into rthern plains. Several
n the early morning hours of Sunday, Augu Dakota. this in anticipation of ongoing thun Jorth Dakota. The storms were forecast to evere thunderstorm warnings were issued Jours.	08/03/08 04:52 CST 08/03/08 04:57 CST ust 3rd, Severe Thunderstorm W iderstorms over eastern Montan strengthen as an upper level sho I. Three reports of severe thunder	a and northwest S ort wave impulse	0 led for much of we South Dakota expa moved into the no is were received in	Source: Public est and central North inding east-northeast into rthern plains. Several the early morning
n the early morning hours of Sunday, Augu lakota. this in anticipation of ongoing thun lorth Dakota. The storms were forecast to evere thunderstorm warnings were issued ours.	08/03/08 04:52 CST 08/03/08 04:57 CST ust 3rd, Severe Thunderstorm W iderstorms over eastern Montan strengthen as an upper level sho I. Three reports of severe thunde 3, -102.78] 08/10/08 00:43 MST	a and northwest S ort wave impulse	0 ned for much of we south Dakota expa moved into the no	Source: Public est and central North ending east-northeast into erthern plains. Several the early morning Lightning
n the early morning hours of Sunday, Augu Dakota. this in anticipation of ongoing thun North Dakota. The storms were forecast to severe thunderstorm warnings were issued hours.	08/03/08 04:52 CST 08/03/08 04:57 CST ust 3rd, Severe Thunderstorm W iderstorms over eastern Montan strengthen as an upper level she i. Three reports of severe thunder 3, -102.78] 08/10/08 00:43 MST 08/10/08 00:43 MST	a and northwest S ort wave impulse erstorm wind gust	0 sed for much of we south Dakota expa moved into the no is were received in 40K	Source: Public est and central North inding east-northeast into rthern plains. Several the early morning
n the early morning hours of Sunday, Augubakota. this in anticipation of ongoing thun North Dakota. The storms were forecast to severe thunderstorm warnings were issued tours. STARK COUNTY 3.2 N DICKINSON [46.93]	08/03/08 04:52 CST 08/03/08 04:57 CST ust 3rd, Severe Thunderstorm W iderstorms over eastern Montan strengthen as an upper level she i. Three reports of severe thunder 3, -102.78] 08/10/08 00:43 MST 08/10/08 00:43 MST	a and northwest S ort wave impulse erstorm wind gust	0 sed for much of we south Dakota expa moved into the no is were received in 40K	Source: Public est and central North ending east-northeast into erthern plains. Several the early morning Lightning
n the early morning hours of Sunday, Augubakota. this in anticipation of ongoing thun North Dakota. The storms were forecast to severe thunderstorm warnings were issued hours. STARK COUNTY 3.2 N DICKINSON [46.93] Lightning struck a house north of Dickinson, in the home north of Dickinson was damaged at	08/03/08 04:52 CST 08/03/08 04:57 CST ust 3rd, Severe Thunderstorm W inderstorms over eastern Montan strengthen as an upper level sho i. Three reports of severe thunder 3, -102.78] 08/10/08 00:43 MST 08/10/08 00:43 MST gniting a fire which damaged the fter being struck by lightning.	a and northwest S ort wave impulse erstorm wind gust	0 sed for much of we south Dakota expa moved into the no is were received in 40K	Source: Public est and central North ending east-northeast into erthern plains. Several the early morning Lightning
In the early morning hours of Sunday, Augustakota, this in anticipation of ongoing thun North Dakota. The storms were forecast to severe thunderstorm warnings were issued hours. STARK COUNTY 3.2 N DICKINSON [46.93] Lightning struck a house north of Dickinson, in the country of Dickinson was damaged at GOLDEN VALLEY COUNTY BEACH [46.93]	08/03/08 04:52 CST 08/03/08 04:57 CST ust 3rd, Severe Thunderstorm W inderstorms over eastern Montan strengthen as an upper level sho i. Three reports of severe thunder 3, -102.78] 08/10/08 00:43 MST 08/10/08 00:43 MST gniting a fire which damaged the fter being struck by lightning.	a and northwest S ort wave impulse erstorm wind gust	0 sed for much of we south Dakota expa moved into the no is were received in 40K	Source: Public est and central North ending east-northeast into erthern plains. Several the early morning Lightning
n the early morning hours of Sunday, Augubakota. this in anticipation of ongoing thun North Dakota. The storms were forecast to severe thunderstorm warnings were issued nours. STARK COUNTY 3.2 N DICKINSON [46.93] Lightning struck a house north of Dickinson, in the home north of Dickinson was damaged at	08/03/08 04:52 CST 08/03/08 04:57 CST ust 3rd, Severe Thunderstorm W derstorms over eastern Montan strengthen as an upper level she i. Three reports of severe thunde 3, -102.78] 08/10/08 00:43 MST 08/10/08 00:43 MST gniting a fire which damaged the fter being struck by lightning.	a and northwest S ort wave impulse erstorm wind gust	0 sed for much of we couth Dakota expa moved into the no swere received in 40K 0	Source: Public est and central North ending east-northeast into enthern plains. Several the early morning Lightning Source: Newspaper
the early morning hours of Sunday, Augulakota, this in anticipation of ongoing thun lorth Dakota. The storms were forecast to evere thunderstorm warnings were issued ours. STARK COUNTY 3.2 N DICKINSON [46.93] ightning struck a house north of Dickinson, in home north of Dickinson was damaged at GOLDEN VALLEY COUNTY BEACH [46.93]	08/03/08 04:52 CST 08/03/08 04:57 CST ust 3rd, Severe Thunderstorm W Iderstorms over eastern Montan strengthen as an upper level shi I. Three reports of severe thunder 3, -102.78] 08/10/08 00:43 MST 08/10/08 00:43 MST gniting a fire which damaged the fter being struck by lightning. 02, -104.00] 08/10/08 14:40 MST 08/10/08 14:49 MST	a and northwest S ort wave impulse erstorm wind gust	0 sed for much of we couth Dakota expa moved into the no is were received in 40K 0	Source: Public est and central North ending east-northeast into enthern plains. Several the early morning Lightning Source: Newspaper Hail (1.00 in)
n the early morning hours of Sunday, Augubakota. this in anticipation of ongoing thun North Dakota. The storms were forecast to severe thunderstorm warnings were issued hours. STARK COUNTY 3.2 N DICKINSON [46.93] Lightning struck a house north of Dickinson, in the home north of Dickinson was damaged at	08/03/08 04:52 CST 08/03/08 04:57 CST ust 3rd, Severe Thunderstorm W Iderstorms over eastern Montan strengthen as an upper level shi I. Three reports of severe thunder 3, -102.78] 08/10/08 00:43 MST 08/10/08 00:43 MST gniting a fire which damaged the fter being struck by lightning. 02, -104.00] 08/10/08 14:40 MST 08/10/08 14:49 MST	a and northwest S ort wave impulse erstorm wind gust	0 sed for much of we couth Dakota expa moved into the no is were received in 40K 0	Source: Public est and central North ending east-northeast into enthern plains. Several the early morning Lightning Source: Newspaper Hail (1.00 in)

Hail in various sizes up to two and one-quarter inches in diameter fell over the city of Beach for a half hour. Damage was reported to homes in Beach and crops around Beach.

Page 3 of 6 Printed on: 12/19/2008

	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
DIVIDE COUNTY 7.3 NNE WESTBY [4	· •			
	08/10/08 19:29 CST		0	Thunderstorm Wind (MG 56 kt)
	08/10/08 19:45 CST		0	Source: Mesonet
Thunderstorm wind gusts were measured	at the Crosby Remote Automated W	eather Station site.		
DIVIDE COUNTY 7.3 NNE WESTBY [4	8.97, -104.00] 08/10/08 20:29 CST		0	Thunderstorm Wind (MG 54 kt)
	08/10/08 20:35 CST		0	Source: Mesonet
hunderstorm wind gusts were measured	at the Crosby Remote Automated W	eather Station site.		
in the early afternoon hours of Sunday, later expanded to include all of western surface boundary and upper level short reports of large hail and two reports of s	North Dakota, in anticipation of thurwave trough pushed into the state.	nderstorms develo Several severe th	oping and increas understorm warni	ing in intensity as a ngs were issued. Two
BURLEIGH COUNTY 3.0 NW MENOKI	·	EN [46.85, -100.54	=	Torondo (FFO L. 1.39 mi. W. 25 vd)
	08/11/08 12:08 CST 08/11/08 12:12 CST		0	Tornado (EF0, L: 1.38 mi , W: 35 yd) Source: Public
The public reported this tornado as being	visible by swirling dirt and dust on the	ground. The torna	ado impacted no st	ructures so there was no damage.
BURLEIGH COUNTY 2.3 NE FT LINCO	• •			5 10
	08/11/08 12:17 CST		0	Funnel Cloud
	08/11/08 12:19 CST		0	Source: Law Enforcement
This funnel cloud was reported by a Burle	eigh County Deputy Sheriff.			
EMMONS COUNTY 11.0 NW HAZELT	• •			E mad Oland
	08/11/08 12:40 CST 08/11/08 12:41 CST		0	Funnel Cloud Source: Public
The public reported this brief funnel cloud			Ü	Source. 1 dulic
SHERIDAN COUNTY 3.7 SW PICKAR	DVILLE [47.43, -100.63], 2.7 SSW PIC	KARDVILLE [47.4	3, -100.59]	
	08/11/08 15:00 CST		0	Tornado (EF0, L: 1.86 mi , W: 35 yd)
	08/11/08 15:05 CST		0	Source: Trained Spotter
	00/11/00 10:00 001			
· · · · · ·	rces, including trained spotters from t	he Mercer Fire De	partment, and othe	or trained spotters. It was reported to be
n an open field, impacting no structures a	rces, including trained spotters from tand causing no damage. [48.02, -100.73], 5.5 E VOLTAIRE [48]			
n an open field, impacting no structures a	rces, including trained spotters from tand causing no damage. [48.02, -100.73], 5.5 E VOLTAIRE [48.08/11/08 15:20 CST		0	Tornado (EF0, L: 1.00 mi , W: 35 yd)
n an open field, impacting no structures a	rces, including trained spotters from tand causing no damage. [48.02, -100.73], 5.5 E VOLTAIRE [48]			
n an open field, impacting no structures a	rces, including trained spotters from the and causing no damage. [48.02, -100.73], 5.5 E VOLTAIRE [48.08/11/08 15:20 CST 08/11/08 15:23 CST	3.02, -100.71]	0	Tornado (EF0, L: 1.00 mi , W: 35 yd) Source: Public
n an open field, impacting no structures a MCHENRY COUNTY 4.5 E VOLTAIRE The public reported this tornado as being	rces, including trained spotters from the and causing no damage. [48.02, -100.73], 5.5 E VOLTAIRE [48.08/11/08 15:20 CST 08/11/08 15:23 CST briefly on the ground. There was no country of the ground	3.02, -100.71] damage and no rep	0 0 Ports of structures b	Tornado (EF0, L: 1.00 mi , W: 35 yd) Source: Public peing impacted.
n an open field, impacting no structures an open field, impacting no structures and inchemical control of the public reported this tornado as being	rces, including trained spotters from the and causing no damage. [48.02, -100.73], 5.5 E VOLTAIRE [48.08/11/08 15:20 CST 08/11/08 15:23 CST 08/11/08 15:23 CST 08/11/08 15:25 CST	3.02, -100.71] damage and no rep	0 0 Ports of structures to	Tornado (EF0, L: 1.00 mi , W: 35 yd) Source: Public being impacted. Tornado (EF0, L: 1.00 mi , W: 35 yd)
n an open field, impacting no structures a ICHENRY COUNTY 4.5 E VOLTAIRE The public reported this tornado as being	rces, including trained spotters from the and causing no damage. [48.02, -100.73], 5.5 E VOLTAIRE [48.08/11/08 15:20 CST 08/11/08 15:23 CST briefly on the ground. There was no country of the ground	3.02, -100.71] damage and no rep	0 0 Ports of structures b	Tornado (EF0, L: 1.00 mi , W: 35 yd) Source: Public peing impacted.
n an open field, impacting no structures a MCHENRY COUNTY 4.5 E VOLTAIRE The public reported this tornado as being MCHENRY COUNTY 1.0 SE KARLSRI	rces, including trained spotters from the and causing no damage. [48.02, -100.73], 5.5 E VOLTAIRE [48.08/11/08 15:20 CST 08/11/08 15:23 CST briefly on the ground. There was no complete [48.09, -100.60], 2.0 SE KARLSR 08/11/08 15:25 CST 08/11/08 15:27 CST	3.02, -100.71] damage and no rep RUHE [48.08, -100.	0 0 Ports of structures b	Tornado (EF0, L: 1.00 mi , W: 35 yd) Source: Public Deing impacted. Tornado (EF0, L: 1.00 mi , W: 35 yd) Source: Public
This tornado was reported by several sou in an open field, impacting no structures a MCHENRY COUNTY 4.5 E VOLTAIRE The public reported this tornado as being MCHENRY COUNTY 1.0 SE KARLSRI The public reported this brief touchdown of MCHENRY COUNTY 4.0 SW BALFOU	rces, including trained spotters from the and causing no damage. [48.02, -100.73], 5.5 E VOLTAIRE [48.08/11/08 15:20 CST 08/11/08 15:23 CST 08/11/08 15:23 CST 08/11/08 15:25 CST 08/11/08 15:25 CST 08/11/08 15:27 CST 05 a tornado. There were no reports of	3.02, -100.71] damage and no rep RUHE [48.08, -100.	0 0 Ports of structures b	Tornado (EF0, L: 1.00 mi , W: 35 yd) Source: Public Deing impacted. Tornado (EF0, L: 1.00 mi , W: 35 yd) Source: Public
n an open field, impacting no structures a MCHENRY COUNTY 4.5 E VOLTAIRE The public reported this tornado as being MCHENRY COUNTY 1.0 SE KARLSRI The public reported this brief touchdown of	rces, including trained spotters from the and causing no damage. [48.02, -100.73], 5.5 E VOLTAIRE [48.08/11/08 15:20 CST 08/11/08 15:23 CST 08/11/08 15:23 CST 08/11/08 15:25 CST 08/11/08 15:25 CST 08/11/08 15:27 CST 05 a tornado. There were no reports of	3.02, -100.71] damage and no rep RUHE [48.08, -100.	0 0 Ports of structures b	Tornado (EF0, L: 1.00 mi , W: 35 yd) Source: Public Deing impacted. Tornado (EF0, L: 1.00 mi , W: 35 yd) Source: Public

During the afternoon hours of August 11th, five tornadoes occurred in central North Dakota, across Burleigh, Sheridan, and McHenry counties. These tornadoes were the result of a localized area of sufficient low level buoyancy and low level vorticity coincident over

Page 4 of 6 Printed on: 12/19/2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
central North Dakota. A surface cold front str country and impacted no structures. As a res		-		nadoes remained in open
WARD COUNTY 3.5 S MAKOTI ARPT [47.9	0, -101.80]			
	08/21/08 17:30 CST		0	Thunderstorm Wind (EG 52 kt)
	08/21/08 17:40 CST		0	Source: Trained Spotter
BILLINGS COUNTY 3.5 SE GORHAM [47.1:	2 -103 261			
Dizzined dediti. Globa detailain (47	08/21/08 18:50 MST		0	Hail (0.88 in)
	08/21/08 19:01 MST		0	Source: Public
Hail was accompanied by estimated 60 mph w	inds.			
STARK COUNTY 6.2 N DICKINSON [46.97,	-102.79]			
	08/21/08 19:04 MST		0	Thunderstorm Wind (EG 52 kt)
	08/21/08 19:11 MST		0	Source: Amateur Radio
STARK COUNTY 4.9 N DICKINSON [46.95,	-102.791			
	08/21/08 19:05 MST		0	Hail (1.25 in)
	08/21/08 19:11 MST		0	Source: Amateur Radio
	531			
STARK COUNTY 4.5 N BOTLE [46.57, -102	.93] 08/21/08 19:24 MST		0	Thunderstorm Wind (MG 50 kt)
	08/21/08 19:29 MST		0	Source: Trained Spotter
ROLETTE COUNTY 0.8 SSE ROLETTE ARI	PT [48.66, -99.84] 08/21/08 19:25 CST		0	Hail (0.88 in)
	08/21/08 19:55 CST		0	Source: Broadcast Media
Hail up to the size of nickels fell for thirty minut	es.			
MCHENRY COUNTY 0.5 W ANAMOOSE [4]	7.88100.241			
	08/21/08 19:29 CST		0	Hail (0.88 in)
	08/21/08 19:35 CST		0	Source: Broadcast Media
STARK COUNTY 8.3 N ANTELOPE [46.97,	-102 191			
51AKK 666K11 0.5 K AKTELOT E [40.57,	08/21/08 20:00 MST		0	Hail (1.00 in)
	08/21/08 20:09 MST		0	Source: Trained Spotter
DILLINGS COUNTY AS OF MEDODA 140 O	1 100 503			
BILLINGS COUNTY 0.8 SE MEDORA [46.9	08/21/08 20:20 MST		0	Hail (0.75 in)
	08/21/08 20:26 MST		0	Source: Law Enforcement
STARK COUNTY 6.2 N LEHIGH [46.96, -102			0	Hail (0.99 ia)
	08/21/08 21:12 MST 08/21/08 21:22 MST		0	Hail (0.88 in)
	UOIZ 1/UO Z 1.ZZ IVIO I		0	Source: Trained Spotter
OLIVER COUNTY CENTER [47.12, -101.30]				
	08/21/08 21:30 CST		0	Hail (0.88 in)
	08/21/08 21:36 CST		0	Source: Law Enforcement
MCLEAN COUNTY 0.8 NW WASHBURN AF	RPT [47.36, -101.03]			
	08/21/08 21:55 CST		0	Hail (0.88 in)
	08/21/08 22:03 CST		0	Source: Public
STARK COUNTY RICHARDTON [46.88, -10	2.321			
31AKK COUNTT KICHAKDTON [40.00, -10				
STARK COUNTY RICHARDTON [40.00, -10	08/21/08 23:40 MST		0	Hail (0.75 in)

Page 5 of 6 Printed on: 12/19/2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MCLEAN COUNTY 3.5 WNW WASHI	• •			
	08/22/08 01:35 CST		6K	Thunderstorm Wind (EG 65 kt)
	08/22/08 01:43 CST		0	Source: Emergency Manager
Severe thunderstorm winds blew down t	hree large cotton wood trees at Fort M	andan.		
A strong surface cold front, coinciding thunderstorms throughout the evening warnings and several tornado warning	hours of the 21st and the early more	ning hours of the	22nd. Multiple sev	ere thunderstorm
ROLETTE COUNTY 0.3 WSW ROLE	TE [48.67, -99.84], 0.1 WSW ROLETT	E ARPT [48.67, -9	9.85], 0.7 S ROLET	TE ARPT [48.66, -99.85], 0.8 SSW
ROLETTE [48.66, -99.83]	08/21/08 20:15 CST		20K	Flash Flood (due to Heavy Rain)
	08/22/08 00:15 CST		0	Source: Trained Spotter
NELLS COUNTY 0.9 NW HARVEY [4	7.78, -99.91], 1.6 SW HARVEY ARPT	[47.78, -99.95], 2.4	WSW HARVEY [4	7.76, -99.95], 0.8 SW HARVEY [47.76,
•	08/21/08 20:30 CST		25K	Flash Flood (due to Heavy Rain)
	08/22/08 00:30 CST		0	Source: Law Enforcement
Up to five inches of rain caused street floand into basements. The water had rece	· ·	e city of Harvey. In	low spots in the cit	y water was flowing through yards
Training thunderstorms brought very loccurring over parts of Rolette and Wellow over roadways in the city of Rolle flooded streets and blocked underpas	Ils counties. Up to four inches of rai e, Rolette County. Up to five inches	n within a two hou of rain fell in the o	ir period caused w ity of Harvey, Well	ater nearly a foot deep to
(ND-Z043) BOWMAN, (ND-Z044) ADAM			٥	Lliah Wind (MAY 20 L4)
(ND-Z043) BOWMAN, (ND-Z044) ADAM A strong cold front brought gusty wes hours of Friday, August 22nd. High win afternoon. SIOUX COUNTY 12.0 SSW SOLEN [4	08/22/08 11:00 CST 08/22/08 13:00 CST to northwest winds across west and d warning criteria sustained winds w		_	_
A strong cold front brought gusty wes hours of Friday, August 22nd. High wi afternoon.	08/22/08 11:00 CST 08/22/08 13:00 CST it to northwest winds across west and d warning criteria sustained winds win		0 kota during the lat ms County and Bo 0 0	e morning and afternoon bwman County early in the Hail (0.75 in) Source: Public
A strong cold front brought gusty wes hours of Friday, August 22nd. High wii afternoon. SIOUX COUNTY 12.0 SSW SOLEN [4	08/22/08 11:00 CST 08/22/08 13:00 CST it to northwest winds across west and d warning criteria sustained winds win		0 kota during the lat ims County and Bo	e morning and afternoon owman County early in the Hail (0.75 in)

A surface cold front and an associated negatively tilted upper level trough combined with a destabilizing atmosphere to trigger scattered late afternoon and evening thunderstorms across central North Dakota. Several of these thunderstorms prompted warnings. Two reports of large hail were received during the early to mid evening hours.

Page 6 of 6 Printed on: 12/19/2008