

Storm Data and Unusual Weather Phenomena - June 2007

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

NORTH DAKOTA, Central and West

MCINTOSH COUNTY

ASHLEY	06/06/07 03:30 CST	0	Hail (0.75 in)
	06/06/07 03:55 CST	0	46.03N, 99.37W

Hail fell from 430 AM CDT to 455 AM CDT and covered the ground. The largest stone was penny size.

An isolated severe thunderstorm produced large hail in McIntosh County.

BOWMAN COUNTY

7.0 W BOWMAN	06/06/07 17:26 MST	0	Hail (1.00 in)
	06/06/07 17:31 MST	0	46.18N, 103.546W

Multiple hail reports from the Bowman County Emergency Manager. Hail lasted for about 5 minutes.

In the early evening of Wednesday June 6th, Tornado Watch 354 was issued in anticipation of severe thunderstorms developing along an inverted surface trough in central North Dakota, and an existing quasi-linear MCS over southeast Montana/western South Dakota expected to move northeast into the Bismarck County Warning Area. Multiple severe thunderstorm warnings were issued. Three reports of large hail and two reports of severe thunderstorm wind gusts were received during the evening hours.

STUTSMAN COUNTY

5.0 E STREETER	06/06/07 19:00 CST	0.25M	Flood (due to Heavy Rain)
5.0 SW ELDRIDGE	06/07/07 19:00 CST	0.25M	46.65N, 99.2447W ~ 46.8489N, 98.9048W

A wet week due to thunderstorms, then showers and even some steady rain, led to flooding in southwest Stutsman County. County roads were closed due to water over them. For a time Interstate 94 was down to one lane in each direction due to flood waters. Low lying areas were flooded with water standing in fields. The hardest hit areas were Griffin, Alexander, Sinclair, Bloomenfield, and Chicago townships. Newspaper articles indicated 7 to 8 inches of rain over the one week period.

Thunderstorms followed by showers and then areas of steady rain on June 6 and 7 resulted in flooding in parts of southern North Dakota. Five to six (5 to 6) inches of rain was common over the two day period.

SIOUX COUNTY

9.0 S FT YATES	06/06/07 19:35 MST	0	Thunderstorm Wind (EG 52 kt)
	06/06/07 19:40 MST	0	45.9499N, 100.63W

No damage.

EMMONS COUNTY

8.0 E WESTFIELD	06/06/07 20:39 CST	0	Hail (1.00 in)
	06/06/07 20:42 CST	0	46.03N, 100.033W

Report relayed through NWS Aberdeen, SD.

MORTON COUNTY

1.0 S FT RICE	06/06/07 21:35 CST	0	Thunderstorm Wind (EG 52 kt)
	06/06/07 21:38 CST	0	46.5055N, 100.58W

Accompanied by very heavy rain and pea size hail. Event lasted a short period of time.

In the early evening of Wednesday June 6th, Tornado Watch 354 was issued in anticipation of severe thunderstorms developing along an inverted surface trough in central North Dakota, and an existing quasi-linear MCS over southeast Montana/western South Dakota expected to move northeast into the Bismarck County Warning Area. Multiple severe thunderstorm warnings were issued. Three reports of large hail and two reports of severe thunderstorm wind gusts were received during the evening hours.

ADAMS COUNTY

15.0 NW HETTINGER	06/06/07 22:00 MST	10K	Flood (due to Heavy Rain)
10.0 N HETTINGER	06/07/07 18:00 MST	25K	46.1533N, 102.851W ~ 46.1446N, 102.63W

Heavy rain over a few day period led to water running over some county roads. Newspaper articles indicated the water was not significantly deep. Low water was running across farm roads and fields.

BOWMAN COUNTY

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
3.0 W BOWMAN	06/06/07 22:00 MST		0.40M	Flood (due to Heavy Rain)
	06/07/07 18:00 MST		0.15M	46.18N, 103.463W

Total 5.6 inches of rain was reported over the duration of the rain event. Spring creek was running out of its banks. Water was running across farm roads and fields.

GRANT COUNTY

LEITH	06/06/07 22:00 MST		25K	Flood (due to Heavy Rain)
	06/07/07 13:00 MST		0	46.35N, 101.63W

In the area around Leith trained spotters reported minor flooding. Water was running over low spots in roads.

SLOPE COUNTY

10.0 SW AMIDON	06/06/07 22:00 MST		50K	Flood (due to Heavy Rain)
10.0 SE AMIDON	06/07/07 18:00 MST		50K	46.3778N, 103.468W ~ 46.3778N, 103.172W

Heavy rain over a few day period led to water running over county roads. Newspaper articles indicated the water was not significantly deep over most of them. Low water was running across farm roads and fields.

Thunderstorms followed by showers and then areas of steady rain on June 6 and 7 resulted in flooding in parts of southern North Dakota. Five to six (5 to 6) inches of rain was common over the two day period.

BURLEIGH COUNTY

1.0 SE STERLING	06/06/07 22:05 CST		0	Hail (0.88 in)
	06/06/07 22:08 CST		0	46.8098N, 100.265W

No damage.

In the early evening of Wednesday June 6th, Tornado Watch 354 was issued in anticipation of severe thunderstorms developing along an inverted surface trough in central North Dakota, and an existing quasi-linear MCS over southeast Montana/western South Dakota expected to move northeast into the Bismarck County Warning Area. Multiple severe thunderstorm warnings were issued. Three reports of large hail and two reports of severe thunderstorm wind gusts were received during the evening hours.

BURLEIGH COUNTY

10.0 N MENOKEN	06/07/07 00:00 CST		50K	Flood (due to Heavy Rain)
	06/07/07 19:00 CST		0.10M	46.9646N, 100.52W

Several county roads were closed due to water over them. Low lying areas north of Menoken were flooded with water standing in fields.

MORTON COUNTY

ST ANTHONY	06/07/07 00:00 CST		0.25M	Flood (due to Heavy Rain)
10.0 NW ST ANTHONY	06/07/07 19:00 CST		0.10M	46.62N, 100.92W ~ 46.7222N, 101.069W

In the area around St. Anthony the Morton County Emergency Manager reported water running over roads and minor damage to some bridges.

Thunderstorms followed by showers and then areas of steady rain on June 6 and 7 resulted in flooding in parts of southern North Dakota. Five to six (5 to 6) inches of rain was common over the two day period.

SIOUX COUNTY

12.0 SW FT YATES	06/10/07 21:05 MST		0	Hail (0.75 in)
	06/10/07 21:09 MST		0	45.9573N, 100.807W

SIOUX COUNTY

2.0 SW FT YATES	06/10/07 22:38 MST		0	Hail (0.75 in)
	06/10/07 22:41 MST		0	46.0596N, 100.659W

WELLS COUNTY

5.0 S HARVEY	06/11/07 02:30 CST		0	Hail (1.00 in)
	06/11/07 02:36 CST		0	47.6977N, 99.9W

In the late evening of Sunday June 10th, Severe Thunderstorm Watch 379 was issued for ongoing thunderstorms, and in anticipation of severe thunderstorms continuing along a warm advection zone, aided in part by a strengthening nocturnal LLJ (low level jet). Several severe thunderstorm warnings were issued before and during the watch period. Three reports of large hail were received during the late evening of the 10th through the early morning hours of the 11th.

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
DIVIDE COUNTY				
21.0 SW CROSBY	06/11/07 16:44 CST		75K	Tornado (EF1, L: 3.00 mi , W: 70 yd)
18.0 SW CROSBY	06/11/07 16:54 CST		0	48.7053N, 103.606W ~ 48.736N, 103.56W
Tornado tore the roof off of an outbuilding on a farm about 21 miles southwest of Crosby and tore down part of a corral fence. It then crossed open rangeland and did no other damage. Estimated wind speed based on the EF scale was 100 mph. A second tornado was occurring closer to Crosby, Divide County, at around the same time.				
DIVIDE COUNTY				
1.0 W CROSBY	06/11/07 16:45 CST		0	Tornado (EF0, L: 1.41 mi , W: 60 yd)
1.0 N CROSBY	06/11/07 16:50 CST		0	48.92N, 103.302W ~ 48.9345N, 103.28W
Tornado remained west and northwest of Crosby. The tornado hit no structures and no damage was reported to the National Weather Service. A second tornado was occurring in Divide County around the same time 21 miles southwest of Crosby.				
DIVIDE COUNTY				
12.0 SE CROSBY	06/11/07 18:00 CST		0	Hail (1.75 in)
	06/11/07 18:08 CST		0	48.7973N, 103.094W
In the mid afternoon of Monday June 11th, Severe Thunderstorm Watch 381 was issued in anticipation of severe thunderstorms developing along and ahead of a cold frontal boundary approaching western North Dakota. Three severe thunderstorm warnings and two tornado warnings were issued over far northwest North Dakota. One report of large hail and two confirmed tornado reports were received during the late afternoon and early evening hours, all in Divide County.				
MCKENZIE COUNTY				
14.0 W ALEXANDER	06/11/07 22:02 MST		0	Hail (1.50 in)
	06/11/07 22:07 MST		0	47.85N, 103.952W
No damage reported.				
MCKENZIE COUNTY				
WATFORD CITY	06/11/07 22:15 MST		0	Hail (0.75 in)
	06/11/07 22:21 MST		0	47.8N, 103.28W
No damage reported.				
MOUNTRAIL COUNTY				
PARSHALL	06/12/07 00:44 CST		5K	Thunderstorm Wind (EG 61 kt)
	06/12/07 00:53 CST		0	47.97N, 102.13W
Large branches broken on trees.				
MOUNTRAIL COUNTY				
STANLEY	06/12/07 00:44 CST		0	Hail (0.75 in)
	06/12/07 00:49 CST		0	48.32N, 102.38W
Hail lasted 5 minutes with no damage reported.				
MCLEAN COUNTY				
6.0 W WILTON	06/12/07 01:15 CST		0	Thunderstorm Wind (EG 52 kt)
6.0 W EMMET	06/12/07 01:22 CST		0	47.17N, 100.928W ~ 47.65N, 101.779W
Multiple reports of high winds around the small city of White Shield. Small branches broken.				
MCHENRY COUNTY				
VELVA	06/12/07 01:29 CST		20K	Thunderstorm Wind (MG 74 kt)
	06/12/07 01:38 CST		0	48.07N, 100.93W
Trees snapped and a few uprooted.				
WARD COUNTY				
MINOT	06/12/07 01:30 CST		0	Thunderstorm Wind (EG 52 kt)
	06/12/07 01:40 CST		0	48.23N, 101.28W

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
RENVILLE COUNTY				
SHERWOOD	06/12/07 02:10 CST		0	Thunderstorm Wind (EG 52 kt)
	06/12/07 02:20 CST		0	48.97N, 101.62W
Small tree branches broken.				
<p>In the late evening of Monday, June 11th, Severe Thunderstorm Watch 383 was issued in anticipation of severe thunderstorms continuing along and ahead of a cold frontal boundary over western North Dakota, in addition to support from developing upper level jet entrance circulation associated with an upper level short wave lifting northeast into southern Saskatchewan and Manitoba. Numerous severe thunderstorm warnings were issued. Three reports of large hail and several reports of severe thunderstorm wind gusts were received during the late evening of the 11th and the early morning hours of the 12th.</p>				
MERCER COUNTY				
BEULAH	06/12/07 11:45 MST		0	Heavy Rain
	06/12/07 12:15 MST		0	47.27N, 101.78W
1.90 inches of rainfall within 30 minutes.				
MCLEAN COUNTY				
9.1 NNW GARRISON	06/12/07 13:25 CST		0	Thunderstorm Wind (EG 52 kt)
	06/12/07 13:37 CST		0	47.7715N, 101.495W
Accompanied by torrential rain of 1.70 inches in 20 minutes.				
MCLEAN COUNTY				
8.0 SSW MAX	06/12/07 13:43 CST		0	Tornado (EF0, L: 6.20 mi , W: 50 yd)
2.0 SW MAX	06/12/07 13:55 CST		0	47.7131N, 101.366W ~ 47.7996N, 101.33W
Tornado hit no structures and did no damage as it remained over rangeland. The tornado completely lifted and then the parent thunderstorm produced a second tornado 35 minutes later in Ward County.				
WARD COUNTY				
1.0 N SAWYER	06/12/07 14:30 CST		0	Tornado (EF0, L: 4.35 mi , W: 50 yd)
5.0 NE SAWYER	06/12/07 14:38 CST		0	48.0945N, 101.05W ~ 48.1311N, 100.974W
Tornado was produced from the same tornadic thunderstorm that was in north central Mclean County earlier. This was a seperate tornado as the one earlier in Mclean County completely lifted. The tornado remained over rangeland and impacted no structures.				
BURLEIGH COUNTY				
2.0 NE DRISCOLL	06/12/07 16:40 CST		0.25M	Flash Flood (due to Heavy Rain)
7.0 S DRISCOLL	06/12/07 19:45 CST		50K	46.8704N, 100.1W ~ 46.7488N, 100.13W
Very heavy rain of 2.50 inches fell in 30 minutes time 7 miles south of Driscoll. A total of 4.50 inches of rain was measured 2 miles northeast of Driscoll. Water was reportedly standing everywhere and water covered roads including in the city of Driscoll. Several roads were washed out. Water was up to 4 inches deep in some homes basements in Driscoll.				
<p>In the early afternoon of Tuesday June 12th, Tornado Watch 389 was issued in anticipation of severe thunderstorms developing during the afternoon hours. Several severe thunderstorm and tornado warnings were issued. One report of a severe thunderstorm wind gust and two confirmed tornado reports were received during the mid afternoon hours. In addition, very heavy rain fell over large portions of central North Dakota, prompting several flash flood warnings during the late afternoon and early evening hours.</p>				
MORTON COUNTY				
3.0 N MANDAN	06/16/07 22:15 CST		0	Hail (0.88 in)
	06/16/07 22:40 CST		0	46.8734N, 100.9W
Hail continued off and on for 25 minutes, mostly pea size with stones as large as nickels from time to time.				
MCINTOSH COUNTY				
7.5 NE DANZIG	06/16/07 22:45 CST		0	Hail (1.00 in)
	06/16/07 22:48 CST		0	46.2069N, 99.359W
BURLEIGH COUNTY				
BISMARCK	06/16/07 23:05 CST		0	Hail (0.88 in)
	06/16/07 23:07 CST		0	46.8N, 100.77W

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
BURLEIGH COUNTY				
8.0 E MOFFIT	06/16/07 23:25 CST		0	Tornado (EF0, L: 1.00 mi , W: 30 yd)
9.0 E MOFFIT	06/16/07 23:30 CST		0	46.68N, 100.111W ~ 46.68N, 100.09W
No damage reported at the time or from follow up calls to emergency management.				
BURLEIGH COUNTY				
5.0 NE STERLING	06/16/07 23:57 CST		0	Tornado (EF0, L: 1.00 mi , W: 30 yd)
6.0 NE STERLING	06/16/07 23:59 CST		0	46.8711N, 100.205W ~ 46.8813N, 100.19W
No damage reported in real time or in follow up calls to emergency management.				
STUTSMAN COUNTY				
9.0 W JAMESTOWN	06/17/07 01:25 CST		1.50K	Hail (1.75 in)
	06/17/07 01:32 CST		0	46.9N, 98.8904W
Cracked some windows.				
STUTSMAN COUNTY				
5.0 N MEDINA	06/17/07 03:00 CST		15K	Flash Flood (due to Heavy Rain)
	06/17/07 06:00 CST		0	46.9523N, 99.3W
Extensive lowland flooding due to 4.50 inches of rain from thunderstorms. Water over some roads but damage was minor.				
In the late evening of Saturday June 16th, Severe Thunderstorm Watch 403 was issued in anticipation of severe thunderstorms developing during the late evening of the 16th and early morning hours of the 17th in association with a developing nocturnal LLJ (low level jet). Numerous severe thunderstorm warnings and three tornado warnings were issued. Reports included large hail, tornadoes, and a flash flood.				
DUNN COUNTY				
KILLDEER	06/17/07 17:38 MST		0	Hail (0.88 in)
	06/17/07 17:44 MST		0	47.37N, 102.77W
WARD COUNTY				
(MIB)MINOT AFB	06/17/07 18:56 CST		0	Hail (1.00 in)
	06/17/07 19:00 CST		0	48.43N, 101.37W
Reported by Minot Air Force Base personnel. No damage reported.				
RENVILLE COUNTY				
GLENBURN	06/17/07 19:10 CST		0	Hail (1.00 in)
	06/17/07 19:15 CST		0	48.52N, 101.22W
MORTON COUNTY				
ALMONT	06/17/07 19:25 CST		40K	Hail (1.75 in)
	06/17/07 19:31 CST		0	46.73N, 101.5W
Hail was mostly quarter size with some slightly larger stones. Broken windows, damaged siding and shingles, and dented vehicles and campers reported in Almont.				
MORTON COUNTY				
7.0 S NEW SALEM	06/17/07 19:26 CST		35K	Hail (1.75 in)
7.0 SE NEW SALEM	06/17/07 19:39 CST		0.13M	46.7488N, 101.42W ~ 46.7784N, 101.315W
Hail was accompanied by strong winds. Some damage was done to farm fields and farm buildings 7 miles south of New Salem. 7 miles southeast of New Salem a farm had 450 acres of barley, wheat and oats damaged.				
MORTON COUNTY				
20.0 W MANDAN	06/17/07 19:33 CST		0	Funnel Cloud
	06/17/07 19:37 CST		0	46.83N, 101.323W
Funnel remained just below cloud base.				

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MORTON COUNTY				
5.0 W MANDAN	06/17/07 19:40 CST		0	Hail (0.75 in)
	06/17/07 19:46 CST		0	46.83N, 101.006W
MORTON COUNTY				
MANDAN	06/17/07 19:47 CST		0	Hail (1.00 in)
	06/17/07 19:53 CST		0	46.83N, 100.9W
MORTON COUNTY				
5.0 W MANDAN	06/17/07 19:50 CST		0	Thunderstorm Wind (EG 52 kt)
	06/17/07 19:57 CST		0	46.83N, 101.006W
MORTON COUNTY				
3.0 N MANDAN	06/17/07 19:51 CST		0	Hail (1.00 in)
	06/17/07 19:57 CST		0	46.8734N, 100.9W
LOGAN COUNTY				
6.2 NNW LEHR	06/17/07 20:00 CST		0	Thunderstorm Wind (EG 52 kt)
	06/17/07 20:08 CST		0	46.3632N, 99.3999W
LOGAN COUNTY				
GACKLE	06/17/07 20:05 CST		9K	Thunderstorm Wind (EG 56 kt)
	06/17/07 20:13 CST		0	46.63N, 99.13W
Five large pines blown over in the north city park of Gackle.				
BURLEIGH COUNTY				
12.0 SW WING	06/17/07 20:11 CST		0	Hail (0.75 in)
	06/17/07 20:15 CST		0	47.0073N, 100.46W
SHERIDAN COUNTY				
1.0 S MARTIN	06/17/07 20:25 CST		0	Hail (0.75 in)
	06/17/07 20:31 CST		0	47.8155N, 100.12W
WELLS COUNTY				
6.0 W HARVEY	06/17/07 20:30 CST		0	Hail (1.00 in)
	06/17/07 20:34 CST		0	47.77N, 100.029W
WELLS COUNTY				
3.0 N HARVEY	06/17/07 20:34 CST		5K	Hail (3.50 in)
5.0 NNE HARVEY	06/17/07 20:39 CST		45K	47.8134N, 99.9W ~ 47.8368N, 99.8588W
Damage to corn and soybeans on a farm 5 miles north-northeast of Harvey.				
KIDDER COUNTY				
TUTTLE	06/17/07 20:35 CST		0	Thunderstorm Wind (EG 52 kt)
	06/17/07 20:42 CST		0	47.15N, 99.98W
DICKEY COUNTY				
FORBES	06/17/07 21:00 CST		0	Thunderstorm Wind (EG 50 kt)
	06/17/07 21:09 CST		0	45.95N, 98.78W
DICKEY COUNTY				
2.0 SW ELLENDALE	06/17/07 21:10 CST		0.45M	Thunderstorm Wind (EG 74 kt)
25.0 NE ELLENDALE	06/17/07 21:25 CST		50K	45.9796N, 98.5494W ~ 46.2556N, 98.1512W

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>NWS storm survey completed on Monday, June 18, and confirmed the findings of emergency management officials, that very high thunderstorm winds and not a tornado caused the damage in Dickey County. Over most of the wind damage area the damage was consistent with wind speeds of 70 mph. However, in an area inside the city limits of Ellendale, from the elevator toward the northeast, damage was consistent with wind speeds of 85 mph. Damage was mainly to trees throughout the area and to grain bins in the immediate Ellendale area, along with a few power lines and a cell phone communications tower. Part of the elevator was completely toppled onto the street below. Note that some of the large diameter trees uprooted in Ellendale would have been consistent with 90 or 95 mph winds, and that speeds were reduced due to saturated soils. The area had received 16.7 inches of rain since March 1. There were no deaths or injuries.</p>				

LA MOURE COUNTY

LA MOURE	06/17/07 21:15 CST		30K	Thunderstorm Wind (EG 61 kt)
1.0 NE VERONA	06/17/07 21:25 CST		0	46.35N, 98.3W ~ 46.3802N, 98.0552W

NWS storm survey completed Monday, June 18. Damage to trees, a home television tower, a small shed, and new playground equipment. Note this was the same cluster of storms that moved through the Ellendale area of Dickey County earlier.

In the late afternoon of Sunday, June 17th, Tornado Watch 412 was issued in anticipation of severe thunderstorms and possible tornadoes developing ahead of a strong surface cold front and low pressure center approaching. Numerous severe thunderstorm warnings and several tornado warnings were issued. Many reports of large hail and severe thunderstorm wind gusts, along with 1 funnel cloud report, were received during the episode.

HETTINGER COUNTY

4.0 SW MOTT	06/21/07 00:25 MST		15K	Hail (1.75 in)
	06/21/07 00:45 MST		0	46.3391N, 102.379W

Windows reported broken and some roof damage.

HETTINGER COUNTY

MOTT	06/21/07 00:30 MST		5K	Hail (1.50 in)
	06/21/07 00:45 MST		0	46.38N, 102.32W

A few broken windows.

DICKEY COUNTY

3.0 WNW FORBES	06/21/07 03:10 CST		0	Hail (1.25 in)
	06/21/07 03:20 CST		0	45.9666N, 98.8376W

No damage reported.

WILLIAMS COUNTY

3.0 N TIOGA	06/21/07 08:02 CST		0	Hail (1.00 in)
	06/21/07 08:11 CST		0	48.4434N, 102.93W

In the early morning of Thursday June 21st, Severe Thunderstorm Watch 431 was issued for ongoing thunderstorms, and in anticipation of severe thunderstorms continuing along and north of a stalled frontal boundary over northern South Dakota, and in association with an upper level short wave approaching North Dakota. Numerous severe thunderstorm warnings were issued. Five reports of large hail were received during the early morning through the mid morning hours.

BOTTINEAU COUNTY

MAXBASS	06/22/07 15:50 CST		0	Hail (1.75 in)
5.0 NE MAXBASS	06/22/07 16:25 CST		0	48.72N, 101.13W ~ 48.7711N, 101.052W

No damage reported. Very few large stones and most stones were much smaller.

BILLINGS COUNTY

1.0 S FAIRFIELD	06/22/07 15:55 MST		0	Hail (1.75 in)
	06/22/07 15:59 MST		0	47.1655N, 103.22W

DUNN COUNTY

14.0 N DUNN CENTER	06/22/07 16:00 MST		0	Hail (1.00 in)
10.0 NE DUNN CENTER	06/22/07 16:17 MST		0	47.5524N, 102.63W ~ 47.4522N, 102.479W

No damage reported.

BOTTINEAU COUNTY

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
1.0 W SOURIS	06/22/07 17:15 CST		0	Hail (2.00 in)
SOURIS	06/22/07 17:27 CST		0	48.92N, 100.692W ~ 48.92N, 100.67W

No damage reported.

MCHENRY COUNTY

2.0 N UPHAM	06/22/07 17:17 CST		3K	Hail (2.00 in)
UPHAM	06/22/07 17:35 CST		0	48.6089N, 100.72W ~ 48.58N, 100.72W

Reported by Atmospheric Resource Board Observer. A few broken windows.

BOTTINEAU COUNTY

3.0 SE SOURIS	06/22/07 17:25 CST		0	Hail (0.88 in)
	06/22/07 17:30 CST		0	48.8893N, 100.623W

ROLETTE COUNTY

ROLLA	06/22/07 17:30 CST		0	Hail (1.25 in)
	06/22/07 17:37 CST		0	48.85N, 99.6W

MCHENRY COUNTY

6.0 S UPHAM	06/22/07 18:30 CST		0.10M	Tornado (EF1, L: 0.50 mi , W: 250 yd)
6.5 S UPHAM	06/22/07 18:45 CST		0	48.4933N, 100.72W ~ 48.486N, 100.72W

The tornado damage path was 1/2 mile from the intersection of 7th Avenue North and 74th Street North, 6 mile south of Upham, toward the southeast. The damage width was 250 yards. Damage was mainly to trees and outbuildings on one farm property, and corresponded to an EF1 rating on the Enhanced Fujita Scale. From this rating, wind speeds were determined to be on the order of 100 mph. Some specific damage included 3 to 4 foot diameter trees uprooted, roof torn off of chicken coop, and a large barn kinked on its foundation.

MCHENRY COUNTY

4.0 W BANTRY	06/22/07 18:35 CST		0	Hail (1.50 in)
	06/22/07 18:40 CST		0	48.5N, 100.687W

MCHENRY COUNTY

3.0 NW UPHAM	06/22/07 18:58 CST		0	Hail (1.75 in)
	06/22/07 19:08 CST		0	48.6107N, 100.766W

MCHENRY COUNTY

2.0 S VELVA	06/22/07 20:08 CST		0	Hail (1.00 in)
	06/22/07 20:14 CST		0	48.0411N, 100.93W

MCHENRY COUNTY

DENBIGH	06/22/07 20:10 CST		0	Hail (1.75 in)
	06/22/07 20:15 CST		0	48.32N, 100.58W

WARD COUNTY

12.0 SW MINOT	06/22/07 20:24 CST		0	Hail (1.75 in)
	06/22/07 20:31 CST		0	48.1073N, 101.464W

PIERCE COUNTY

1.0 NW BARTON	06/22/07 20:45 CST		0	Hail (1.00 in)
	06/22/07 21:00 CST		0	48.5102N, 100.185W

ROLETTE COUNTY

10.0 S DUNSEITH	06/22/07 21:09 CST		0	Hail (0.88 in)
	06/22/07 21:13 CST		0	48.6754N, 100.05W

In the mid afternoon of Friday June 22nd, Severe Thunderstorm Watch 445 was issued in anticipation of severe thunderstorms developing along a surface boundary over western North Dakota. Numerous severe thunderstorm warnings along with a few tornado warnings were issued. Numerous reports of large hail and one confirmed tornado report were received during the late afternoon and evening hours.

ROLETTE COUNTY

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
12.0 N DUNSEITH	06/24/07 22:55 CST		0	Hail (0.75 in)
	06/24/07 23:15 CST		0	48.9935N, 100.05W
At International Peace Gardens.				
ROLETTE COUNTY				
12.0 N DUNSEITH	06/24/07 23:40 CST		0	Hail (0.75 in)
	06/24/07 23:45 CST		0	48.9935N, 100.05W
At International Peace Gardens.				
ROLETTE COUNTY				
12.0 N DUNSEITH	06/24/07 23:45 CST		0.15M	Flash Flood (due to Heavy Rain)
	06/25/07 04:00 CST		0	48.9935N, 100.05W
Significant damage at the International Peace Gardens. Extensive damage to flowers. Water was nearly a foot deep in the gift shop, the interpretive center, and the administration building. One side of a basement wall on one building collapsed. Water on the grounds and over roads was up to 3 feet deep. Total rain was 4.1 inches, of which 3.1 inches occurred in less than a one hour period.				
WARD COUNTY				
6.0 W KENMARE	06/25/07 00:13 CST		0	Hail (2.00 in)
	06/25/07 00:30 CST		0	48.67N, 102.211W ~ 48.67N, 102.08W
No damage reported.				
WILLIAMS COUNTY				
WILLISTON	06/25/07 00:15 CST		4K	Thunderstorm Wind (EG 55 kt)
	06/25/07 00:25 CST		0	48.15N, 103.62W
Several small tree branches broken. Newspaper article showed one larger branch snapped off at the tree trunk and landed on a camper trailer parked under the tree. The roof of the camper was dented. Accompanied by penny size hail.				
WILLIAMS COUNTY				
WILLISTON	06/25/07 00:21 CST		0	Hail (0.75 in)
	06/25/07 00:30 CST		0	48.15N, 103.62W
Accompanied by high wind. No hail damage reported.				
BOTTINEAU COUNTY				
4.0 N NEWBURG	06/25/07 00:45 CST		0	Hail (0.75 in)
	06/25/07 00:51 CST		0	48.7778N, 100.92W
DIVIDE COUNTY				
12.0 SW FORTUNA	06/25/07 01:15 CST		5K	Thunderstorm Wind (EG 56 kt)
	06/25/07 01:25 CST		0	48.7973N, 103.887W
Shingles blown off roof.				
BOTTINEAU COUNTY				
3.0 SE LANDA	06/25/07 02:09 CST		0	Hail (0.88 in)
	06/25/07 02:18 CST		0	48.8693N, 100.873W
BOTTINEAU COUNTY				
7.0 NE SOURIS	06/25/07 02:26 CST		0	Hail (0.75 in)
	06/25/07 02:35 CST		0	48.9916N, 100.561W
In the late evening of Sunday June 24th, Severe Thunderstorm Watch 449 was issued in anticipation of severe thunderstorms developing across western and central North Dakota. Numerous severe thunderstorm warnings, several tornado warnings, and several flash flood warnings were issued during the late evening of the 24th and early morning of the 25th. Several reports of large hail and two reports of severe thunderstorm wind gusts were received during the early morning hours.				
LA MOURE COUNTY				
11.0 ESE MARION	06/25/07 23:40 CST		0	Hail (0.88 in)
	06/25/07 23:44 CST		0	46.5391N, 98.1163W

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
DICKEY COUNTY				
10.0 NW FORBES	06/26/07 00:00 CST		0	Hail (1.00 in)
	06/26/07 00:10 CST		0	46.0522N, 98.9272W
<p>In the late evening of the 25th and early morning hours of the 26th, scattered severe thunderstorms moved across parts of central North Dakota. A dozen severe thunderstorm warnings were issued during this time. Several reports of large hail and severe thunderstorm wind gusts were received.</p>				
PIERCE (ND-Z013), MCLEAN (ND-Z021)				
	06/26/07 00:25 CST		5K	High Wind (MAX 63 kt)
	06/26/07 02:30 CST		0	
<p>In the early morning hours of June 26, severe thunderstorms rolled along the Canadian Border. An outflow boundary extended well south of the convection, into McLean and then Pierce counties. The high wind occurred away from convection, with no thunderstorm in progress at the time.</p>				
WARD COUNTY				
BURLINGTON	06/26/07 00:28 CST		5K	Thunderstorm Wind (EG 56 kt)
	06/26/07 00:37 CST		0	48.28N, 101.42W
Some tree damage.				
WARD COUNTY				
(MIB)MINOT AFB	06/26/07 00:38 CST		0	Thunderstorm Wind (MG 55 kt)
	06/26/07 00:47 CST		0	48.43N, 101.37W
Measured thunderstorm gust.				
WARD COUNTY				
9.0 W MINOT AFB	06/26/07 00:42 CST		0	Hail (0.88 in)
	06/26/07 00:51 CST		0	48.43N, 101.566W
Minot Air Force Base personnel report.				
WARD COUNTY				
MINOT	06/26/07 00:43 CST		0	Thunderstorm Wind (MG 50 kt)
	06/26/07 00:52 CST		0	48.23N, 101.28W
Measured thunderstorm gust on ASOS Automated Surface Observing System.				
MCHENRY COUNTY				
DEERING	06/26/07 01:07 CST		0	Thunderstorm Wind (EG 56 kt)
	06/26/07 01:15 CST		0	48.4N, 101.05W
DICKEY COUNTY				
OAKES	06/26/07 01:20 CST		0	Hail (1.00 in)
1.0 S OAKES	06/26/07 01:35 CST		0	46.13N, 98.08W ~ 46.1155N, 98.08W
Nickel to quarter size hail.				
BOTTINEAU COUNTY				
KRAMER	06/26/07 01:30 CST		0	Thunderstorm Wind (EG 52 kt)
	06/26/07 01:41 CST		0	48.7N, 100.7W
<p>In the late evening of the 25th and early morning hours of the 26th, scattered severe thunderstorms moved across parts of central North Dakota. A dozen severe thunderstorm warnings were issued during this time. Several reports of large hail and severe thunderstorm wind gusts were received.</p>				