

Storm Data and Unusual Weather Phenomena - September 2009

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

NORTH DAKOTA, Central and West

BOWMAN COUNTY --- 1.0 S RHAME [46.22, -103.65], 5.0 N BUFFALO SPGS [46.24, -103.23]

	09/07/09 23:05 MST		0.60M	Hail (3.50 in)
	09/07/09 23:30 MST		0.15M	Source: Emergency Manager

A one to two mile wide swath of large and destructive hail was reported. The largest stone was measured at three and one half inches in diameter. There was significant damage to roofs on the north and east sides of Bowman, and to structures in rural north and east Bowman County.

STARK COUNTY --- (DIK)DICKINSON MUNI [46.80, -102.80]

	09/08/09 00:02 MST		0	Thunderstorm Wind (MG 50 kt)
	09/08/09 00:07 MST		0	Source: ASOS

STARK COUNTY --- 5.5 N GLADSTONE [46.95, -102.56]

	09/08/09 00:15 MST		0	Thunderstorm Wind (EG 61 kt)
	09/08/09 00:20 MST		0	Source: Trained Spotter

A trained spotter reported an estimated severe thunderstorm wind gust of 70 mph.

STARK COUNTY --- 0.5 W TAYLOR [46.90, -102.43]

	09/08/09 00:26 MST		0	Thunderstorm Wind (MG 55 kt)
	09/08/09 00:31 MST		0	Source: COOP Observer

MORTON COUNTY --- 0.5 W HEBRON [46.90, -102.04]

	09/08/09 02:00 CST		0	Thunderstorm Wind (MG 52 kt)
	09/08/09 02:06 CST		0	Source: Law Enforcement

Quarter size hail accompanied the severe thunderstorm winds.

MORTON COUNTY --- HEBRON [46.90, -102.03]

	09/08/09 02:00 CST		0	Hail (1.00 in)
	09/08/09 02:05 CST		0	Source: Law Enforcement

Elevated strong to severe thunderstorms, which developed in the vicinity of a lead shortwave impulse and an eastward advancing surface front, maintained their strength for several hours during the early morning of September 8th. Several reports of large hail and severe thunderstorm wind gusts were received.

Storm Data and Unusual Weather Phenomena - September 2009

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



Photo courtesy of Doug Buchholz, Bowman, ND.

WARD COUNTY --- MINOT [48.23, -101.28]

09/08/09 01:30 CST	40K	Lightning
09/08/09 01:30 CST	0	Source: Newspaper

An early morning lightning strike caused a fire in the attic of a townhouse complex in Minot. No injuries were reported.

A thunderstorm complex moving through the Minot area resulted in lightning striking and damaging a townhouse.

MCLEAN COUNTY --- 6.5 SSE RUSO [47.74, -100.89], 10.0 SW BUTTE [47.71, -100.79]

09/10/09 20:00 CST	0	Hail (1.00 in)
09/10/09 20:15 CST	75K	Source: Trained Spotter

The severe hail caused moderate crop damage.

OLIVER COUNTY --- CENTER [47.12, -101.30]

09/10/09 20:20 CST	10K	Thunderstorm Wind (EG 52 kt)
09/10/09 20:25 CST	0	Source: Emergency Manager

Hail up to the size of nickels accompanied the severe thunderstorm wind gusts. Some tree damage was reported in Center.

MORTON COUNTY --- 3.5 N NEW SALEM [46.90, -101.42]

Storm Data and Unusual Weather Phenomena - September 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/10/09 20:30 CST		0	Thunderstorm Wind (EG 52 kt)
	09/10/09 20:35 CST		0	Source: Trained Spotter

An estimated severe thunderstorm wind gust of 60 mph was reported.

In the early evening of September 10th, Severe Thunderstorm Watch 738 was issued in anticipation of thunderstorms developing across central North Dakota ahead of a strong upper level trough digging southeastward into the Northern Plains. A few reports of large hail and severe thunderstorm wind gusts were received.

(ND-Z018) DUNN, (ND-Z031) GOLDEN VALLEY, (ND-Z032) BILLINGS, (ND-Z033) STARK, (ND-Z040) SLOPE, (ND-Z041) HETTINGER, (ND-Z043) BOWMAN, (ND-Z044) ADAMS

09/27/09 11:00 CST	0.15M	High Wind (MAX 55 kt)
09/27/09 18:00 CST	0	

Strong surface high pressure building into western North Dakota resulted in warning criteria wind speeds across the higher terrain of southwestern North Dakota during the late morning and afternoon hours of September 27th.