

## Storm Data and Unusual Weather Phenomena - September 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>NORTH DAKOTA, Central and West</b>				
<b>GOLDEN VALLEY COUNTY --- 10.4 N SENTINEL BUTTE [47.07, -103.85]</b>				
	09/05/15 20:49 MST		0	Hail (1.00 in)
	09/05/15 20:52 MST		0	Source: Trained Spotter
<b>GOLDEN VALLEY COUNTY --- 6.0 SSE GOLVA [46.65, -103.93], 12.0 ESE GOLVA [46.66, -103.75]</b>				
	09/05/15 21:10 MST		0.45M	Thunderstorm Wind (EG 86 kt)
	09/05/15 21:25 MST		0.25M	Source: Utility Company
Significant and severe damage was done from extreme winds on the leading edge of the line of thunderstorms. Twenty-four consecutive wooden power poles were snapped, brand new storage bins were destroyed, trailers and a camper were flipped, and outbuildings were damaged. Nearly 100 hay bales were rolled, most of them destroyed. There was significant crop damage.				
<b>BILLINGS COUNTY --- 1.2 NW FAIRFIELD [47.19, -103.24]</b>				
	09/05/15 21:45 MST		0	Hail (1.00 in)
	09/05/15 21:50 MST		0	Source: Public
<b>BILLINGS COUNTY --- 6.4 SSE FRYBURG [46.78, -103.29], 6.4 SSE FRYBURG [46.79, -103.25]</b>				
	09/05/15 21:45 MST		0.18M	Thunderstorm Wind (EG 82 kt)
	09/05/15 22:00 MST		0.10M	Source: Public
Significant and severe damage was done from extreme winds on the leading edge of the line of thunderstorms. Outbuildings and vehicles badly damaged, some destroyed.				
<b>MCKENZIE COUNTY --- 0.7 S GRASSY BUTTE [47.39, -103.25]</b>				
	09/05/15 22:00 MST		0	Thunderstorm Wind (EG 52 kt)
	09/05/15 22:03 MST		0	Source: COOP Observer
The strong thunderstorm wind gust speed was estimated by a COOP observer.				
<b>STARK COUNTY --- 6.0 NE BELFIELD [46.94, -103.11], 13.0 ENE BELFIELD [46.95, -102.95]</b>				
	09/05/15 22:00 MST		0.13M	Thunderstorm Wind (EG 78 kt)
	09/05/15 22:10 MST		50K	Source: Public
Significant damage was done from extreme winds on the leading edge of the line of thunderstorms. Outbuildings were damaged, trees were snapped and some uprooted. The heaviest damage was about 6 miles northeast of Belfield.				
<b>MOUNTRAIL COUNTY --- 4.2 W PARSHALL [47.98, -102.22]</b>				
	09/06/15 00:42 CST		0	Thunderstorm Wind (MG 57 kt)
	09/06/15 00:44 CST		0	Source: Mesonet
<b>WARD COUNTY --- 2.1 SSW RYDER [47.89, -101.68]</b>				
	09/06/15 00:55 CST		0	Thunderstorm Wind (MG 52 kt)
	09/06/15 00:57 CST		0	Source: Mesonet
<b>MCLEAN COUNTY --- 0.8 NW UNDERWOOD [47.46, -101.14]</b>				
	09/06/15 01:26 CST		15K	Thunderstorm Wind (MG 59 kt)
	09/06/15 01:29 CST		0	Source: Trained Spotter
A partially build garage was damaged by the strong winds.				
Widespread wind damage occurred with these severe thunderstorms. Strong thunderstorms developed over western North Dakota in the late evening, and continued to push east through the overnight hours ahead and south of a deep upper level low. Damaging wind gusts and large hail developed in a moisture rich atmosphere with moderate deep layer shear. The greatest damage occurred in the southwest part of the state from Golden Valley County, across Billings County, and through Stark County, where winds estimated close to 100 mph developed along the leading edge of the storms. Reports of strong winds continued into central North Dakota. The largest hail of one-inch in diameter was reported over Golden Valley and Billings counties.				
<b>STARK COUNTY --- 0.5 W DICKINSON [46.88, -102.79]</b>				

## Storm Data and Unusual Weather Phenomena - September 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/16/15 19:18 MST		0	Hail (1.00 in)
	09/16/15 19:21 MST		0	Source: Amateur Radio

A short wave trough lifting through the region combined with modest instability to produce showers and a few thunderstorms along a warm front moving through the region. One thunderstorm produced one inch diameter hail in Dickinson, Stark County.

---

**STARK COUNTY --- 2.8 S ANTELOPE [46.81, -102.20]**

	09/30/15 17:22 MST		0	Hail (1.25 in)
	09/30/15 17:25 MST		0	Source: Trained Spotter

---

**STARK COUNTY --- 10.4 S ANTELOPE [46.70, -102.20]**

	09/30/15 18:05 MST		0	Hail (1.00 in)
	09/30/15 18:07 MST		0	Source: Trained Spotter

---

**HETTINGER COUNTY --- 15.9 N BURT [46.60, -102.13]**

	09/30/15 18:55 MST		0	Hail (1.00 in)
	09/30/15 18:57 MST		0	Source: Trained Spotter

---

**BOTTINEAU COUNTY --- 2.0 SW WILLOW CITY [48.58, -100.31]**

	09/30/15 20:45 CST		0	Hail (1.00 in)
	09/30/15 20:52 CST		0	Source: COOP Observer

A compact slow moving upper level low near the Canadian border combined with a developing low level jet and modest instability to bring large hail to southwest into central North Dakota. The largest hail was a half-dollar in diameter, and was reported in Stark County. The event continued into the early morning hours of October 1, which can be found in the October 2015 edition of Storm Data.