

Storm Data and Unusual Weather Phenomena - October 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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NORTH DAKOTA, Central and West

OLIVER COUNTY --- 1.5 SSW HANNOVER [47.10, -101.44]

10/01/15 01:45 CST		0	Hail (1.00 in)
10/01/15 01:55 CST		0	Source: Trained Spotter

MORTON COUNTY --- 1.5 NNE JUDSON [46.85, -101.26]

10/01/15 03:20 CST		0	Hail (1.00 in)
10/01/15 03:29 CST		0	Source: Trained Spotter

This is a continuation of the event from the evening of September 30, which can be found in the September 2015 edition of Storm Data. 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 stone was the size of a half-dollar, and was reported in Stark County the evening of September 30.

(ND-Z045) SIOUX

10/11/15 08:00 CST		0.75M	Wildfire
10/12/15 08:00 CST		0	

(ND-Z001) DIVIDE, (ND-Z002) BURKE, (ND-Z003) RENVILLE, (ND-Z004) BOTTINEAU, (ND-Z005) ROLETTE, (ND-Z009) WILLIAMS, (ND-Z010) MOUNTRAIL, (ND-Z011) WARD, (ND-Z012) MCHENRY, (ND-Z013) PIERCE, (ND-Z017) MCKENZIE, (ND-Z018) DUNN, (ND-Z019) MERCER, (ND-Z020) OLIVER, (ND-Z021) MCLEAN, (ND-Z022) SHERIDAN, (ND-Z023) WELLS, (ND-Z025) FOSTER, (ND-Z031) GOLDEN VALLEY, (ND-Z032) BILLINGS, (ND-Z033) STARK, (ND-Z034) MORTON, (ND-Z035) BURLEIGH, (ND-Z036) KIDDER, (ND-Z037) STUTSMAN, (ND-Z040) SLOPE, (ND-Z041) HETTINGER, (ND-Z042) GRANT, (ND-Z043) BOWMAN, (ND-Z044) ADAMS, (ND-Z045) SIOUX, (ND-Z046) EMMONS, (ND-Z047) LOGAN, (ND-Z048) LA MOURE, (ND-Z050) MCINTOSH, (ND-Z051) DICKEY

10/11/15 12:00 CST		0	High Wind (MAX 65 kt)
10/12/15 10:00 CST		0	

Deep low pressure moved across southern Canada sweeping a strong cold front through the region. Strong west to northwest winds developed in the afternoon of October 11 along and behind the front. An additional surge of strong winds due to a secondary push of cold air developed overnight into the very early morning hours of October 12. The strongest wind gust of 75 mph was reported in southeast Burleigh County. The strong winds combined with dry conditions to produce wildfires over many areas. A grass fire that burned approximately 5,000 acres in Sioux County, on the Standing Rock Nation, destroyed three homes, a church, and an outbuilding in the Cannon Ball area. The Cannon Ball Elementary School was damaged from smoke and ash, and playground equipment was destroyed. The 550 residents of Cannon Ball were evacuated, and 54 families were sheltered overnight at Prairie Knights Lodge.