

Storm Data and Unusual Weather Phenomena - September 2007

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

MCINTOSH COUNTY --- 4.0 ESE ZEELAND [45.95, -99.75], 10.0 E WISHEK [46.25, -99.34]

09/23/07 18:20 CST		0.30M	Thunderstorm Wind (EG 74 kt)
09/23/07 19:00 CST		0.40M	Source: NWS Storm Survey

Non-tornadic thunderstorm winds estimated up to 85 mph caused significant damage along a 27 mile path in McIntosh County. Damage was sustained to crops and farm outbuildings, and large trees were uprooted. Specifically, 4 miles east of Zeeland the roof was torn from a farm outbuilding, large trees were uprooted, a camper trailer was moved, and damage was done to sunflower crops. 5 miles east of Zeeland a farm outbuilding roof was torn off. 7 miles east of Zeeland to 4 west Venturia, tree limbs were down, quonsets damaged, and a large outbuilding was nearly collapsed. Along Danzig Road tree limbs were broken, trees uprooted, large barn wall pushed 2 inches off foundation, and large outbuilding roofs torn off and walls collapsed. Finally, 3 miles south of Lehr, a cattle barn was completely destroyed, tree limbs were broken, and wooden and metal fences were blown over.

LOGAN COUNTY --- 9.0 N LEHR [46.41, -99.35]

09/23/07 19:00 CST		0	Thunderstorm Wind (MG 50 kt)
09/23/07 19:11 CST		0	Source: Trained Spotter

MCINTOSH COUNTY --- ASHLEY [46.03, -99.37]

09/23/07 20:09 CST		0	Hail (0.75 in)
09/23/07 20:14 CST		0	Source: Trained Spotter

In the mid afternoon of Sunday, September 23rd, Severe Thunderstorm Watch 685 was issued in anticipation of severe thunderstorms developing ahead of a surface cold front over western South Dakota, and ahead of an ejecting upper level trough over the Rockies. Several severe thunderstorm warnings were issued. Large hail and severe thunderstorm wind gust reports were received during the early and mid evening hours over McIntosh and Logan Counties. McIntosh County was hit hard by this event with a 27 mile long stretch of damage from southwest to northeast across the county.