Storm Data and Unusual Weather Phenomena - September 2017

NORTH DAKOTA, Central and West DICKEY COUNTY 0.8 NW MERRICOURT [46.21, -98.76] 09/19/17 14:30 CST 0 Hail (1.00 in) Source: Public DICKEY COUNTY 0.8 NW MERRICOURT [46.21, -98.76] 09/19/17 14:35 CST 0.13M Hail (2.50 in) 09/19/17 14:52 CST 0.13M DICKEY COUNTY 0.8 NW MONANGO [46.22, -98.82] 09/19/17 14:52 CST 0.13M Hail (2.50 in) 09/19/17 14:53 CST 0.13M DICKEY COUNTY 5.0 NNE MERRICOURT [46.27, -98.72] 09/19/17 14:56 CST 50K Source: Storm Chaser DICKEY COUNTY 5.0 NNE MERRICOURT [46.27, -98.72] 09/19/17 14:56 CST 50K Source: Broadcast Media Windows and vehicles were damaged. LA MOURE COUNTY 5.5 ESE EDGELEY [46.33, -98.60] 09/19/17 15:05 CST 0 Hail (1.75 in) 09/19/17 15:05 CST LA MOURE COUNTY 5.1 SSW DICKEY [46.46, -98.49] 09/19/17 15:05 CST 0.15M Thunderstorm Wind (EG 65 kt) 09/19/17 15:05 CST 0 Quiri HY T 16:05 CST 0 Hail (1.75 in) 09/19/17 15:05 CST 0 Source: Emergency Manager A grain bin was destroyed. Homes in the area suffeed roof damage. Many tree branches were down. IAMOURE COUNTY 5.6 S EDGELEY [46.29, -96.72] 09/19/17 15:05 CST 0 Source: Public LA MOURE COUNTY 5.8 SEDGELEY [46.29, -96.72] 09/19/17 15:15 CST 0 Thunderstorm Wind (EG 65 kt) 09/19/17	Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
09/19/17 14:30 CST 0 Hall (1.00 in) 09/19/17 14:33 CST 0 Source: Public DICKEY COUNTY 4.0 NNW MONANGO [46.22, -98.62] 0 0.13M Hail (2.50 in) 09/19/17 14:52 CST 75K Source: Stom Chaser There was damage to crops and property: 0 Hail (2.50 in) 0 DICKEY COUNTY 5.0 NNE MERRICOURT [46.27, -98.72] 08/19/17 14:55 CST 40K Hail (2.50 in) 09/19/17 14:55 CST 50K Source: Broadcast Media Windows and vehicles were damaged. 09/19/17 15:01 CST 0 Hail (1.75 in) 09/19/17 15:05 CST 0.15M Thunderstorm Wind (EG 65 kt) 09/19/17 15:05 CST 09/19/17 15:05 CST 0.15M Thunderstorm Wind (EG 65 kt) 09/19/17 15:05 CST 1A MOURE COUNTY 5.1 SSW DICKEY [46.49, -98.49] 09/19/17 15:05 CST 0.15M Thunderstorm Wind (EG 65 kt) 09/19/17 15:05 CST 0 Source: Emergency Manager Again bin was destroyed. Homes in the area suffered roof damage. Many tree branches were down. Hail (1.75 in) 09/19/17 15:05 CST 0 Hail (1.75 in) 09/19/17 15:08 CST 0 Source: Emergency Manager </td <td>NORTH DAKOTA, Central and W</td> <td>est</td> <td></td> <td></td> <td></td>	NORTH DAKOTA, Central and W	est			
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09/19/17 15:10 CST 0 Thunderstorm Wind (EG 65 kt) 09/19/17 15:15 CST 75K Source: Emergency Manager	LA MOURE COUNTY 3.3 WSW GRAND) RAPIDS [46.43, -98.43]			
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09/19/17 15:22 CST 30K Thunderstorm Wind (EG 61 kt)	Corn crops were flattened to the ground.				
09/19/17 15:22 CST 30K Thunderstorm Wind (EG 61 kt)	LA MOURE COUNTY 6.0 SE MARION I	46.54, -98.24]			
09/19/17 15:27 CST 0 Source: Public	•			30K	Thunderstorm Wind (EG 61 kt)
		09/19/17 15:27 CST		0	Source: Public

Strong thunderstorm wind gusts blew the roof off of a machine shed.

Strong instability combined with impressive deep layer shear to produce an environment ripe for severe weather over eastern and parts of central North Dakota. A cold front and upper level trough approached and moved through the area in the mid-afternoon into the evening. Initially, one very strong storm moved over Dickey and LaMoure counties and produced tennis ball size hail and strong wind gusts estimated to around 75 mph. This caused crop and property damage. A brief break in convective activity followed before additional thunderstorms formed. No severe weather was reported with the second round of storms.