



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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NORTH DAKOTA, Central and West

Morton County									
Almont	05	1615CST			0	0			Hail(0.75)
Hettinger County									
Burt	08	1758CST			0	0			Hail(1.75) The hail caused a 3 mile wide damage path. Winds of 50 mph accompanied the storm.
Hettinger County									
5 N Mott to 5 E Burt	08	1830CST			0	0			Hail(0.75) The hail fell in a 3 mile wide path in open country destroying 30 percent of crops.
Divide County									
Alkabo	09	1420CST			0	0			Hail(0.88)
Divide County									
Alkabo	09	1430CST			0	0			Hail(0.75)
Billings County									
7 NNE Fairfield	09	1450CST			0	0			Hail(0.75)
Dunn County									
10 S Manning	09	1500CST 1515CST			0	0			Hail(2.00) Hail covered the ground.
Dunn County									
10 S Manning	09	1510CST			0	0			Thunderstorm Wind (E50)
Mercer County									
Zap	09	1545CST			0	0			Hail(0.75)
Mercer County									
Zap	09	1545CST			0	0			Thunderstorm Wind (M52)
Golden Valley County									
Trotters	09	1600CST			0	0			Hail(0.75)
Mckenzie County									
35 WSW Grassy Butte	09	1600CST			0	0			Hail(0.75) The hail was reported 3 miles north of Trotters...just north of the Golden Valley and McKenzie county line.
Mercer County									
5 S Beulah	09	1600CST			0	0			Funnel Cloud Cooperative observer reported 1.50 inches of rain in a 20 minuate time period in the city of Beulah.
Oliver County									
6 NE Center	09	1610CST			0	0			Thunderstorm Wind (E65) Farm home and machinery damaged. One machine fipped over and hood off a pickup torned off. Farmer thought the damage was caused by a tornado but could not confirm.
Oliver County									
15 NW Center	09	1620CST			0	0			Hail(0.75) Mostly heavy rain with this storm.
Oliver County									
3 W Center	09	1635CST			0	0			Hail(1.75)
Morton County									
4 NE Mandan	09	1640CST			0	0			Hail(1.75)
Mckenzie County									
Grassy Butte	09	1640CST			0	0			Hail(0.88)



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<u>NORTH DAKOTA, Central and West</u>									
Billings County									
8 NE Fairfield	09	1650CST			0	0			Hail(0.88)
Morton County									
Mandan	09	1655CST			0	0	113M		Hail(2.75)
Burleigh County									
3 N (Bis)Bismarck Muni	09	1655CST			0	0	113M		Hail(1.75)
Burleigh County									
Bismarck	09	1700CST			0	0			Funnel Cloud
Numerous reports of funnel clouds with the storm.									
Dunn County									
3 S Fayette	09	1700CST			0	0			Hail(1.00)
Burleigh County									
Bismarck	09	1715CST 2015CST			0	0			Flash Flood
Widespread street flooding throughout the city of Bismarck where a foot or more covered the roads. Travel not advised. Up to 12 feet of water accumulated in the railroad underpasses in town.									
Kidder County									
3 W Steele	09	1721CST			0	0			Funnel Cloud
Stark County									
Dickinson	09	1730CST			0	0			Hail(1.00)
Burleigh County									
5 NW Bismarck	09	1736CST			0	0			Hail(1.00)
Hail covered the ground.									
Morton County									
Mandan	09	1736CST			0	0			Hail(1.00)
Stark County									
2 W Dickinson Arpt	09	1738CST			0	0			Hail(0.75)
Ham radio operator reported 50 mph wind with storm.									
Burleigh County									
(Bis)Bismarck Muni A	09	1749CST			0	0			Hail(1.00)



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NORTH DAKOTA, Central and West



The aftermath of the hail storm which struck the Bismarck/Mandan area Saturday evening June 9, 2001.

An approaching upper level system provided lift to produce severe thunderstorms over central North Dakota Saturday afternoon and evening. Abundant low level moisture combined with relatively cool air aloft lead to the formation of an incredible amount of hail with many of these storms. The hail caused a tremendous amount of damage to homes and vehicles in the Bismarck and Mandan area's. A estimated damage from the hail in the two cities amounted around \$260 million. The wind speed associated with the storm ranged between 50 to 60 mph.

Morton County Mandan	09	1751CST			0	0			Hail(0.75)
Kidder County 15 S Dawson	09	1800CST			0	0			Hail(1.00)
The hail fell on the Kidder/Logan county line.									
Stark County Richardton	09	1803CST			0	0			Thunderstorm Wind (M52)
Pea size hail and very heavy rain accompanied the storm.									
Emmons County 7 NNW Hazelton	09	1810CST			0	0			Hail(0.88)
Emmons County 7 NNW Hazelton	09	1810CST			0	0			Thunderstorm Wind (E60)
Major damage to a barn.									
Emmons County 9 NW Hazelton to 2 E Hazelton	09	1810CST 1825CST	10	60	0	1			Tornado (F1)
Drivers along Highway 83 witness a vehicle drive into the path of the tornado. The vehicle was thrown into the ditch injuring the driver. Other damage by the tornado includes four power lines down along highway 83. Tops of evergreen tree's snapped off. The damage was also verified by a storm chase team.									



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NORTH DAKOTA, Central and West

Morton County

Hebron 09 1812CST 0 0 Hail(0.75)

Mercer County

Stanton 09 1815CST 0 0 Hail(0.75)

Stark County

15 S Richardton 09 1815CST 0 0 Hail(0.75)

Emmons County

Hazelton 09 1815CST 0 0 Thunderstorm Wind (E52)

Several tree's uprooted. Pea to marble size hail accompanied the storm.

Burleigh County

6 SE Menoken 09 1815CST
1845CST 0 0 Hail(2.00)

Resident at a farm reported the hail lasted 30 minutes and mostly golf ball size. The hail injured a large number of his livestock, smashed vehicle windows and wiped out most of the crops.

Oliver County

7 NE Center 09 1820CST 0 0 Thunderstorm Wind (E70)

A public report of a 10 foot section of a roof lifted off home. A mobile home had wind and hail damage. A top of a camper completely destroyed.

Oliver County

Center 09 1825CST 0 0 Hail(0.75)

Emmons County

Hazelton 09 1825CST 0 0 Thunderstorm Wind (E74)

Major damage to homes and businesses in the Hazelton area due to high winds and fallen tree's. One 25,000-bushel grain bin, five 5,000-bushel grain bins, four stor-all-bins and a fertilizer storage bin were destroyed. The wind and hail destroyed or damaged numerous barns, pole buildings, farm homes, crops and hay land in rural areas. High winds downed power lines and overturned one car.

Morton County

Glen Ullin 09 1834CST 0 0 Hail(1.00)

Hettinger County

14 N Burt 09 1840CST 0 0 Hail(1.75)

Logan County

Napoleon 09 1853CST
1918CST 0 0 Hail(0.75)

Duration of the hail was 25 minutes.

Grant County

15 N Elgin 09 1855CST 0 0 Hail(0.88)

Grant County

Elgin 09 1900CST 0 0 Hail(1.00)

Logan County

Napoleon 09 1910CST 0 0 Thunderstorm Wind (E87)

Cooperative observer reported roof blown off a business and mature tree's uprooted.

Mcintosh County

Wishek 09 1926CST 0 0 Hail(0.75)

Mcintosh County

Wishek 09 1926CST 0 0 Thunderstorm Wind (E52)

Report of a roof blown off a farm shed.



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NORTH DAKOTA, Central and West

Morton County

6 SW Flasher 09 1933CST 0 0 Hail(0.75)

Burleigh County

4 E (Bis)Bismarck Muni 09 1936CST 0 0 Funnel Cloud

Mcintosh County

3 W Ashley 09 1938CST 0 0 Hail(0.75)

Logan County

Lehr 09 1940CST 0 0 **Thunderstorm Wind (E65)**

Emergency manager reported large tree's uprooted and damage to several homes in town. Campers were overturned and a business had one basement collapse. One cabin was completely destroyed at Beaver Lake State Park and one camper was blown over into beaver Lake. A number of power lines were downed by the storm.

Mcintosh County

Ashley 09 1945CST 0 0 100K Hail(2.75)

Vehicle lot severely damaged. Widespread auto and roof damage throughout the city.

Mcintosh County

Wishek 09 2000CST 0 0 **Thunderstorm Wind (E56)**

Tree's and power lines reported down.

Sioux County

Selfridge 09 2005CST
2015CST 0 0 Hail(0.75)

The hail covered the ground

Mcintosh County

Wishek 09 2015CST 0 0 **Thunderstorm Wind (E56)**

Several large tree's uprooted and a street light pole snapped off in the city.

Sioux County

Ft Yates 09 2016CST 0 0 Hail(0.75)

Winds of 45 mph accompanied the storm.

Dickey County

Oakes 09 2030CST 0 0 **Thunderstorm Wind (E74)**





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NORTH DAKOTA, Central and West

Wind damage to buildings caused by estimated 85 mph thunderstorm winds.

Empty railroad cars moved down the tracks by the wind. A large garbage dumpster blown down a street. Numerous tree's uprooted and roof blown off building.

McLean County 7 W Washburn	11	0100CST			0	0			Hail(0.75)
Pierce County Rugby	11	0150CST			0	0			Thunderstorm Wind (E52)
Numerous small tree's reported down and fence knocked over at a golf course									
Morton County Mandan	11	0320CST			0	0			Hail(0.75)
Stutsman County Eldridge	11	0755CST			0	0			Hail(1.75)
Stutsman County Jamestown	11	0800CST			0	0			Hail(0.88)
Logan County 4 W Napoleon	12	2200CST			0	0	45K		Thunderstorm Wind (E70)
Damage to pole barns and farm house caused approxiately 45 thousand dollars .									
Mchenry County 2 W Norwich	15	1827CST			0	0			Hail(1.75)
Stutsman County 6 N Woodworth	16	1645CST			0	0			Hail(1.25)
Hail was flat and jagged.									
Stutsman County 4 NW Buchanan	16	1732CST			0	0			Hail(0.75)
Hail covered the road for a mile and a half distance.									
Stutsman County 6 ENE Ypsilanti	16	1813CST			0	0			Hail(0.88)
Mckenzie County 8 NW Alexander	17	1725CST			0	0			Hail(0.75)
Heavy rain accompanied the hail.									
Renville County Glenburn	17	1837CST			0	0			Funnel Cloud
Two funnel clouds were observed briefly.									
Ward County (Mib)Minot Afb	17	1944CST			0	0			Thunderstorm Wind (M67)
Adams County 5 SE Haynes	18	0425CST 0435CST			0	0			Hail(1.75)
The hail event lasted 10 minutes.									
Bowman County Bowman Arpt	18	0430CST			0	0			Thunderstorm Wind (M61)
Adams County Haynes	18	0430CST			0	0			Hail(2.75)
Adams County Hettinger	18	0453CST			0	0			Hail(0.88)
Adams County Hettinger Arpt	18	0453CST			0	0			Thunderstorm Wind (M55)
Pierce County Rugby	20	1200CST			0	0			Funnel Cloud



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NORTH DAKOTA, Central and West

Pierce County

2 W Orrin	20	1230CST 1231CST	0	40	0	0			Tornado (F0)
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Tornado briefly touched down in open country.

Stutsman County

Montpelier	20	1433CST			0	0			Hail(1.50)
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La Moure County

5 E Marion	20	1520CST			0	0			Hail(0.88)
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Logan County

Napoleon	20	1534CST			0	0			Hail(0.75)
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Renville County

5 E Sherwood to 7 E Sherwood	24	2109CST 2125CST	2	40	0	0			Tornado (F0)
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The tornado moved slowly east reaching the Bottineau county line around 925 pm cst. The tornado skipped over the open country side.

Bottineau County

10 W Antler to 6 W Antler	24	2125CST 2135CST	4	40	0	0			Tornado (F0)
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Tornado moved into Bottineau county from Renville county. The tornado remained in open country lifting back into the clouds 6 miles west of Antler.

Slope County

16 NNW Marmarth	27	1620CST			0	0			Hail(0.88)
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Golden Valley County

3 S Golva	27	1645CST			0	0			Hail(0.88)
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Bowman County

16 SW Rhame	27	1705CST			0	0			Lightning
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Lightning struck and killed a calf in the front yard of a ranch.

Bowman County

9 S Rhame	27	1725CST			0	0			Lightning
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Lightning caused a prairie fire which was put out by rain from the storm.

Bowman County

12 SSW Rhame	27	1735CST			0	0			Hail(0.75)
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Mountrail County

3 NW Stanley	27	2000CST			0	0			Heavy Rain
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Reports of 4.75 inches of rain fell in a 12 hour period of time resulting in culverts on the back roads washing out.