



# National Weather Service

## Storm Data and Unusual Weather Phenomena



July 2003

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

#### Williams County

26 N Williston	02	0545CST			0	0			Hail(0.75)
Winds estimated at 55 mph flipped a couple campers over on their sides and a picnic shelter was blown over at Blacktail Dam Recreational area.									

#### Burke County

Powers Lake	02	0620CST			0	0			Hail(0.75)
Tree branches up to 4 inches in diameter broken.									

#### Bottineau County

Lansford	02	0740CST			0	0			Hail(0.75)
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#### Renville County

3 W Mohall	02	0745CST			0	0			Thunderstorm Wind (EG61)
Power outage for several hours reported. Heavy rain accompanied the storm.									

#### Ward County

Surrey	02	0803CST			0	0			Hail(0.75)
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#### Ward County

4 E (Mot)Minot Intl Arp	02	0805CST			0	0			Hail(1.00)
Numerous broken windshields reported. Estimated 60 mph winds damaged trees and several grain bins.									

#### Mchenry County

Deering	02	0820CST 0835CST			0	0			Hail(0.88)
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#### Bottineau County

2 NW Bottineau	02	0820CST			0	0			Thunderstorm Wind (EG52)
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#### Rolette County

6 W Belcourt	02	0852CST			0	0			Thunderstorm Wind (EG52)
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#### Pierce County

Rugby	02	0901CST 0906CST			0	0			Thunderstorm Wind (EG57)
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#### Rolette County

Mylo	02	1627CST 1639CST			0	0			Hail(0.75)
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#### Golden Valley County

Beach	02	2315CST			0	0			Thunderstorm Wind (EG52)
Several tree limbs down.									

#### Burke County

2 SW Bowbells	02	2330CST			0	0			Hail(0.75)
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#### Williams County

Epping	03	0000CST			0	0			Hail(1.75)
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#### Ward County

Kenmare	03	0010CST			0	0			Hail(1.00)
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#### Mckenzie County

Grassy Butte	03	0030CST			0	0			Thunderstorm Wind (EG61)
Hail up to three-quarter inch (.75) in diameter accompanied the storm.									

#### Stark County

(Dik)Dickinson Muni	03	0035CST			0	0	20K		Thunderstorm Wind (MG52)
Grain bin sustained major damage eight miles west of Dickinson.									

#### Mercer County

Beulah	03	0155CST 0205CST			0	0			Thunderstorm Wind (EG65)
Numerous large trees down. Reported by a NWS cooperative observer.									



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<b><u>NORTH DAKOTA, Central and West</u></b>									
<b>Oliver County</b> 15 SE Center	03	0200CST			0	0			Thunderstorm Wind (EG52)
									Large tree limbs broken.
<b>Sheridan County</b> Mcclusky	03	0200CST 0215CST			0	0			Thunderstorm Wind (EG52)
<b>Ward County</b> Minot	03	0200CST			0	0			Thunderstorm Wind (EG59)
									Numerous trees and power lines down.
<b>Mclean County</b> Garrison	03	0202CST			0	0			Thunderstorm Wind (MG53)
<b>Mclean County</b> Riverdale	03	0245CST			0	0			Thunderstorm Wind (EG52)
									Several trees and power lines down due to high winds.
<b>Oliver County</b> 8 SW Hannover	03	0605CST			0	0			Hail(0.75)
<b>Oliver County</b> 13 SE Center	03	1845CST			0	0			Thunderstorm Wind (EG52)
<b>Morton County</b> 1 W Mandan Muni Arpt	03	1910CST			0	0			Thunderstorm Wind (MG52)
<b>Morton County</b> Mandan	03	1914CST			0	0			Hail(1.00)
<b>Burleigh County</b> (Bis)Bismarck Muni A	03	1916CST 1918CST			0	0			Hail(1.00)
									Wind gust to 52 knots(60 mph) accompanied the storm.
<b>Morton County</b> Mandan	03	1922CST			0	0			Hail(0.88)
<b>Emmons County</b> 7 NE Hazelton	03	1940CST 1950CST			0	0			Thunderstorm Wind (EG57)
<b>Emmons County</b> 3 N Braddock to 2 N Braddock	03	1952CST 2000CST	1	30	0	0			Tornado (F0)
									Tornado briefly touched down in a farmstead destroying a large pole shed and damaging several pieces of large farm equipment. Debris from the shed was scattered a quarter mile away. Several grain bins were twisted on their foundations.
<b>Kidder County</b> 14 S Steele	03	2000CST 2010CST			0	0			Thunderstorm Wind (EG52)
<b>Logan County</b> Napoleon to Fredonia	03	2025CST 2100CST			0	0			Thunderstorm Wind (EG70)
									Wind damage to nearly all farmsteads between Napoleon and Fredonia with one family home destroyed. Power outage occurred for several hours in the city of Napoleon along with numerous trees uprooted and one home receiving major roof damage. On the outskirts of Napoleon 30-4 thousand pound each thresher machines tipped on their sides. A 75,000 and two 25,000 bushel grain bins destroyed along with a well/drilling and repair shop destroyed in the city of Fredonia.
<b>Mcintosh County</b> Wishek	03	2030CST			0	0			Hail(0.75)
									The hail was accompanied by 60 mph (52 knots) wind gust breaking out a window in a home.



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<b>Mcintosh County</b>									
2 S Wishek	03	2101CST			0	0			Hail(0.75)
<b>La Moure County</b>									
3 S Edgeley	03	2110CST			0	0			Hail(0.75)
<b>Dickey County</b>									
11 W Forbes	03	2110CST 2120CST			0	0			Hail(1.00)
<b>Dickey County</b>									
1 S Monango	03	2110CST			0	0			Thunderstorm Wind (EG70) Two grain bins, 25 feet tall, received damage.
<b>Dickey County</b>									
Fullerton	03	2120CST			0	0			Thunderstorm Wind (EG70) The wind destroyed five (5) grain bins with the debris landing on several vehicles which sustained damage. Ten inch diameter trees snapped. The storm was accompanied by one and three-quarter inch hail (1.75).
<b>Sioux County</b>									
Porcupine	03	2320CST 2321CST			0	0			Hail(1.50)
<b>Emmons County</b>									
Strasburg	04	0000CST			0	0			Hail(0.75)
<b>Emmons County</b>									
11 SW Westfield	05	2004CST			0	0			Thunderstorm Wind (EG52)
<b>Golden Valley County</b>									
Beach	08	0733CST			0	0			Thunderstorm Wind (EG53)
<b>Stark County</b>									
Dickinson	13	1450CST			0	0			Hail(1.00)
<b>Mclean County</b>									
5 SW Garrison	13	1657CST			0	0			Hail(0.75)
<b>Mercer County</b>									
2 NW Pick City	13	1700CST			0	0			Hail(1.25)
<b>Grant County</b>									
1 W Carson	13	1718CST			0	0			Thunderstorm Wind (EG52) One inch hail also accompanied the storm.
<b>Mclean County</b>									
10 SW Butte	13	1720CST			0	0			Hail(1.00) The hail occurred at Strawberry Lake recreational area.
<b>Mclean County</b>									
6 E Coleharbor	13	1735CST			0	0			Hail(1.00)
<b>Mclean County</b>									
Washburn	13	1735CST			0	0			Thunderstorm Wind (EG52) A few trees down.
<b>Mclean County</b>									
4 S Turtle Lake to 8 ENE Turtle Lake	13	1737CST 1752CST	8	40	0	0			Tornado (F1) Tornado touched down over open country and traveled east northeast causing damage to the recreational area of Brush Lake. Several roofs were blown off lake cabins with one cabin being lifted off its foundation. A two by four (2x4) piece of wood impacted a parked semi-trailor truck and two 1,000 pound bales of hay were destroyed. The tornado crossed the county line into Sheridan county and moved southeast.



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### NORTH DAKOTA, Central and West

#### Sheridan County

21 WNW Pickardville to Pickardville	13	1752CST 1810CST	21	40	0	1	250K		Tornado (F1)
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The tornado crossed the McLean/Sheridan county line and moved east southeast impacting the town of Pickardville. Numerous buildings and grain elevators were damaged in the small community. One young boy was injured after being thrown to the ground and hit by flying debris.

#### McLean County

5 N Mercer	13	1755CST			0	0			Hail(1.00)
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#### Sheridan County

9 W Mcclusky	13	1757CST			0	0			Thunderstorm Wind (EG57)
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#### Sheridan County

Mcclusky	13	1815CST			0	0			Hail(0.88)
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#### McLean County

Max	13	1827CST 1832CST			0	0			Hail(0.88)
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Damage confined to a broken windshield.

#### Sioux County

Ft Yates	13	1900CST			0	0			Hail(1.00)
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#### Wells County

10 W Hamberg	13	1930CST			0	0			Hail(0.75)
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#### Emmons County

Hazelton	13	2140CST			0	0			Hail(1.00)
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#### Renville County

Tolley	14	1530CST			0	0			Hail(0.88)
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#### Renville County

5 N Norma	14	1545CST			0	0			Hail(0.75)
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#### Ward County

(Mib)Minot Afb	14	1616CST 1621CST			0	0			Thunderstorm Wind (MG51)
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#### Ward County

(Mib)Minot Afb	14	1620CST			0	0			Hail(1.00)
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#### Mchenry County

Norwich	14	1635CST			0	0			Thunderstorm Wind (EG52)
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#### Emmons County

10 W Linton	17	1206CST			0	0			Hail(1.00)
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#### Billings County

3 NW Fairfield	17	1605CST			0	0			Hail(1.00)
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Mostly pea size hail with this storm.

#### Golden Valley County

5 SW Golva	17	1715CST			0	0			Hail(1.00)
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#### Slope County

5 N Marmarth	17	1820CST			0	0			Hail(0.75)
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#### Slope County

15 ESE Marmarth	17	1830CST			0	0			Hail(4.50)
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#### Bowman County

Rhame	17	1845CST 1850CST			0	0			Hail(1.75)
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#### Bowman County

8 S Rhame	17	1915CST			0	0			Hail(2.00)
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					Killed	Injured	Property	Crops	

### NORTH DAKOTA, Central and West

1930CST

Reported by a NWS cooperative observer.

#### Divide County

Crosby	18	0510CST			0	0			Hail(0.88)
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#### Divide County

1 NW Crosby to 1 SE Crosby	18	0510CST 0515CST	2	40	0	0			Tornado (F1)
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Tornado touched down just northwest of Crosby ripping a 40 foot wide streak through a forest area where no trees were left standing. Trees on either side were still standing. The tornado skipped through Crosby tearing portions of roofs off a couple of buildings. Large trees were either damaged or toppled. A 1,800 pound bail of hay was lifted over a 4 foot fence and dropped on the other side. Additional minor damage was reported in and around the city before the tornado lifted just southeast of town

#### Mountrail County

10 NNW White Earth	18	0630CST 0645CST			0	0			Hail(1.00)
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Reported by a NWS cooperative observer.

#### Williams County

6 N Tioga	18	0654CST			0	0			Hail(0.75)
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#### Ward County

Kenmare	18	0935CST			0	0			Hail(0.75)
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#### Burke County

Coteau	18	1004CST			0	0			Hail(0.75)
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#### Burke County

8 SE Coteau	18	1025CST			0	0			Hail(0.88)
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#### Ward County

Minot	18	1120CST			0	0			Hail(0.75)
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#### Ward County

Des Lacs	18	1140CST			0	0			Hail(1.75)
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#### Ward County

Burlington	18	1238CST			0	0			Hail(1.75)
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#### Billings County

Medora	18	1843CST			0	0			Hail(2.00)
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Heavy rain reported with the storm.

#### Billings County

Medora	18	1850CST			0	0			Hail(2.75)
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Hail damaged numerous vehicles in and around the Medora area.

#### Billings County

2 E Medora	18	1905CST 1915CST			0	0			Hail(1.00)
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#### Golden Valley County

Beach	19	1649CST 1654CST			0	0			Hail(1.00)
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#### Stutsman County

Jamestown	20	0045CST			0	0			Hail(1.00)
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#### La Moure County

Dickey	20	0055CST 0105CST			0	0			Thunderstorm Wind (EG70)
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The storm was accompanied by two inch diameter hail (2.00). Numerous north facing windows broken out of homes and buildings. Numerous trees and power lines downed by the wind. A six (6) mile wide swath of crops from Adrian to near Verona received nearly 100 percent loss.

