



# National Weather Service

## Storm Data and Unusual Weather Phenomena



July 1998

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
<b><u>NORTH DAKOTA, Central and West</u></b>									
<b>Williams County</b>									
Williston	04	2309CST			0	0			Thunderstorm Wind (54)
<b>NDZ009 Williams</b>									
	05	0100CST 0400CST			0	0			Flood
Numerous roads in Williston impassable due to water. Parts of highways 2 and 85 also under water due to the heavy rain. Spring Brook also flooded.									
<b>Mountrail County</b>									
Stanley	05	0130CST 0300CST			0	0			Flood
Heavy rain made streets impassable in Stanley. reports of 3 to 4 inches of rain fell.									
<b>Ward County</b>									
Minot	05	0200CST			0	0			Lightning
Tree in Oak park exploding, spreading bark for 250 feet.									
<b>Stutsman County</b>									
Jamestown	05	0430CST			0	0			Lightning
The lightning melted the electrical relays in two warning sirens causing the sirens to activate for 20 to 40 minutes before they could be turned off manually. Otter Tail Power company had damage to a transformer and two 'primary' wires									
<b>Burke County</b>									
6 NW Portal to 2 NW Portal	05	1800CST 1805CST	4	20	0	0			Tornado (F0)
Tornado formed in Canada and moved south into the US. multiple funnels were reported.									
<b>Burke County</b>									
Lignite	05	1900CST			0	0			Lightning
Lightning ignited a 400 gallon oil storage tank.									
<b>Burke County</b>									
8 NW Bowbells to 2 S Bowbells	05	1915CST 1930CST	9	20	0	0			Tornado (F0)
Numerous reports were received of this tornado, the first report coming from Minot Airforce Base personnel. Numerous brief touchdowns were reported along its path but no damage was reported.									
<b>Ward County</b>									
Niobe	05	1937CST			0	0			Hail(0.75)
<b>Mountrail County</b>									
25 N Blaisdell	05	2008CST			0	0			Thunderstorm Wind (52)
<b>Williams County</b>									
20 NNW Williston	05	2126CST			0	0			Hail(1.75)
Hail combined with strong winds to increase damage.									
<b>Williams County</b>									
20 NNW Williston	05	2126CST			0	0			Thunderstorm Wind (70)
Twentyone trailers/cabins were damaged at the trailer park near the Black Tail dam. Roofs were torn off trailers, north side windows were broken, trees were knocked over, and trailers were moved off their foundations.									
<b>Williams County</b>									
2 NE Epping	05	2150CST			0	0			Thunderstorm Wind (98)
Reported as a tornado but no tornado or funnel cloud reported. Damage and eye witness reports suggest a very strong downburst wind. A line of 85 empty rail cars were tipped over between Epping and Wheelock. There was also some damage to a grain elevator and a blacksmith shop in Epping. A farmer lost the roof off a barn 2 miles southeast of Epping. Wind speeds of 98 kts (113 mph) have the force necessary to tip over box cars according to the Fujita scale.									



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### NORTH DAKOTA, Central and West

<b>Williams County</b>									
Grenora	05	2200CST			0	0			Hail(0.75)
<b>Mountrail County</b>									
7 N White Earth	05	2230CST			0	0			Hail(1.00)
<b>Mountrail County</b>									
2 E New Town	05	2325CST			0	0			Thunderstorm Wind (70)
<b>Ward County</b>									
Ryder	05	2350CST			0	0			Thunderstorm Wind (61)
<b>Mountrail County</b>									
2 S Stanley	05	2355CST			0	0			Thunderstorm Wind (70)
<b>Ward County</b>									
Berthold	06	1520CST			0	0			Hail(1.75)
<b>Ward County</b>									
Foxholm	06	1530CST			0	0			Hail(2.75)
		Damage to cars and roofs of homes.							
<b>Ward County</b>									
2 SW Foxholm	06	1532CST			0	0			Hail(2.75)
<b>Ward County</b>									
2 W Makoti	06	1549CST	0.5	20	0	0			Tornado (F0)
<b>Ward County</b>									
2 N Douglas	06	1550CST	0.5	20	0	0			Tornado (F0)
<b>Morton County</b>									
Mandan	06	1620CST			0	0			Hail(1.00)
<b>Ward County</b>									
19 S Minot	06	1620CST			0	0			Hail(1.75)
<b>Ward County</b>									
14 W Minot	06	1620CST			0	0			Hail(1.75)
<b>Burleigh County</b>									
Bismarck	06	1625CST			0	0			Hail(1.00)
<b>Burleigh County</b>									
5 N Bismarck	06	1630CST			0	0			Hail(1.00)
<b>Emmons County</b>									
4 W Strasburg to 1 S Strasburg	06	1640CST 1650CST			0	0	200K	80K	Thunderstorm Wind (87)

Downburst winds of 87 kts (100 mph) caused widespread damage to numerous weak or high profile buildings in parts of southeast Emmons county. Even though there was heavy property damage, there were no fatalities or injuries. No one reported a tornado although there were unconfirmed reports of funnel clouds. Two trailer houses near Strasburg were destroyed as well as grain bins, pole barns, and farm machinery. The county emergency manager reported no damage in the city of Strasburg, just heavy rain and gusty winds. Monetary damage estimates are likely underestimated

<b>Emmons County</b>									
4 W Hague	06	1655CST	0.5	20	0	0			Tornado (F0)

Brief touchdown reported near Rice Lake. One eye witness reported a wall of water rapidly approaching his farm. His rain gauge measured 1.75 inches in less than 8 minutes and every building on his farm had some kind of damage.

<b>Emmons County</b>									
Hague	06	1700CST			0	0	50K	100K	Hail(1.00)

Damage was surveyed by the Sheriff and a deputy. Most of the damage was due to wind driven hail. Very little damage due to wind



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### NORTH DAKOTA, Central and West

alone. The power went out in Hague near 6 PM CDT and their was minor damage to the Hague Grain Elevator.

#### Mclean County

<b>Ruso</b>	06	1710CST 1725CST			0	0			Hail(0.75)
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Trees stripped of leaves.

#### Mclean County

1 W Raub	06	1715CST			0	0			Hail(1.75)
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#### Ward County

23 S Minot	06	1752CST 1758CST			0	0			Hail(1.75)
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#### Bowman County

25 S Rhame	06	1810MST			0	0			Thunderstorm Wind (65)
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Winds also combined with 3/4 inch hail. damage to most of crops.

#### Mclean County

1 W Turtle Lake	06	1811CST			0	0			Hail(0.75)
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#### Bowman County

Rhame	06	1815CST			0	0	30K		Hail(0.75)
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#### Bowman County

Rhame	06	1815CST			0	0	5K		Thunderstorm Wind (69)
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Two corrals were destroyed and a highline power line was down.

#### Mchenry County

22 S Velva	06	1815CST			0	0			Hail(1.75)
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Damage to roofs and boats around a lake. People used hail stones as ice cubes.

#### Sheridan County

5 N McClusky	06	1840CST			0	0			Hail(0.75)
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Damage occurred to sunflower crop.

#### Bottineau County

Lansford	06	1910CST			0	0			Hail(1.00)
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#### Emmons County

8 N Hazelton	06	2030CST			0	0	800K		Hail(0.75)
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Sixty percent of 24,000 acres of crops were damaged by hail and 55 mph wind as reported by the Farm Service agency.

#### Mchenry County

10 E Bantry	06	2110CST			0	0	3K		Hail(0.75)
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#### Ward County

8 E Kenmare	09	1415CST			0	0			Hail(0.75)
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#### Renville County

Tolley	09	1555CST			0	0			Hail(0.75)
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#### Adams County

10 NE Hettinger	09	2015MST	0.5	20	0	0			Tornado (F0)
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#### Ward County

Minot	11	2042CST			0	0			Lightning
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Lightning disrupted power service to 2,300 NSP electrical customers

#### Golden Valley County

Golva	13	2314MST			0	0			Thunderstorm Wind (52)
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#### Foster County

Carrington	14	0005CST			0	0			Hail(1.00)
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Brief event with no damage.



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**NORTH DAKOTA, Central and West**

**Bowman County**

<b>2 NW Bowman</b>	<b>14</b>	<b>0010MST</b>			<b>0</b>	<b>0</b>			<b>Funnel Cloud</b>
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Warning sirens were sounded in the city of Bowman but the funnel did not touch down.

**Foster County**

<b>Carrington</b>	<b>14</b>	<b>0015CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
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**Rolette County**

<b>3 W St John</b>	<b>20</b>	<b>0720CST</b>			<b>0</b>	<b>0</b>	<b>5K</b>	<b>100K</b>	<b>Hail(2.50)</b>
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At least 2 vehicle were damaged. Numerous trees lost their leaves. Crops also damaged.