



National Weather Service

Storm Data and Unusual Weather Phenomena



August 1999

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

NORTH DAKOTA, Central and West

Dunn County									
11 S Manning	08	1915CST			0	0			Hail(1.75)
Dunn County									
3 S Killdeer	08	1930CST			0	0			Thunderstorm Wind (52)
Stark County									
7 NNW Taylor	08	1950CST			0	0			Hail(1.00)
Morton County									
Hebron	08	2015CST			0	0			Hail(0.88)
Burke County									
Portal	08	2040CST			0	0			Hail(1.75)
Williams County									
Ray	08	2100CST			0	0	600K		Hail(1.50)
Hail damage to 30 homes, 150 vehicles and 30 to 100 percent crop damage.									
Burke County									
Bowbells	08	2115CST			0	0			Hail(0.75)
Williams County									
Ray	08	2125CST			0	0			Hail(1.75)
Williams County									
Tioga	08	2130CST			0	0			Hail(1.00)
Mountrail County									
White Earth	08	2149CST			0	0			Hail(1.00)
Mountrail County									
2 S Tagus	08	2327CST			0	0			Hail(1.00)
Ward County									
9 W Berthold	08	2330CST			0	0			Hail(1.00)
McLean County									
9 NW Turtle Lake to 10 NE Turtle Lake	09	0045CST			0	0			Hail(1.00)
Crop loss of 60 to 100 percent covering 2 to 3 miles wide.									
Sheridan County									
12 NW Mcclusky to 2 N Mcclusky	09	0115CST			0	0			Hail(1.00)
Crop loss of 60 to 100 percent covering 2 to 3 miles wide.									
Slope County									
10 S Amidon to 12 SE Amidon	11	1650CST			0	0			Hail(0.88)
Bowman County									
10 N Scranton	11	1715CST			0	0			Hail(0.75)
Adams County									
3 NE Reeder	11	1815CST	2	40	0	0			Tornado (F1)
Adams County									
2 E Bucyrus	11	1859CST	0.5	20	0	0			Tornado (F0)
Burleigh County									
20 W Bismarck Arpt to 20 E Bismarck Arpt	12	0000CST 1150CST			0	0			Urban/Sml Stream Fld
Periods of heavy rainfall ranging from 4 to 7 inches saturated much of Morton and Burleigh counties. Hardest impact was felt in the cities of Bismarck and Mandan. Two hundred twenty one (221) homes and businesses received water damage. Twelve (12) road sites were damaged and a significant mudslide closed portions of highway 1804 in north Bismarck									



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NORTH DAKOTA, Central and West

Morton County

17 W Mandan to 23 E Mandan	12	0000CST 1150CST			0	0			Urban/Sml Stream Fld
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Pierce County

Rugby	12	0200CST 1400CST			0	0			Urban/Sml Stream Fld
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Sheridan County

Mcclusky	12	0200CST 1400CST			0	0			Urban/Sml Stream Fld
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Wells County

Hurdsfield	12	0200CST 1400CST			0	0			Urban/Sml Stream Fld
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Heavy rainfall of 3 to 6 inches were common throughout the three county area. Main flood problems were flooded streets and underpasses in urban areas. In open country ditches filled rapidly overrunning county roads.

Golden Valley County

Beach	15	1430CST			0	0	1M		Hail(1.75)
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Damage path of 15 miles wide and 20 miles long.

Golden Valley County

3 E Sentinel Butte	15	1445CST			0	0			Hail(1.75)
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Automobile damage along interstate 94.

Billings County

Medora	15	1455CST			0	0			Hail(1.75)
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Stark County

Belfield	15	1518CST			0	0			Hail(0.75)
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Dunn County

15 SSW Manning to Manning	15	1530CST			0	0	80K		Thunderstorm Wind (87)
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Damage to a 50 foot high water tank.

Stark County

3 N Dickinson	15	1540CST			0	0			Hail(2.00)
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Automobile damage along highway 22.

Bowman County

Rhame	15	1549CST			0	0			Thunderstorm Wind (61)
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Tree's uprooted.

Stark County

Dickinson	15	1550CST			0	0	2M		Hail(3.00)
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Damage occurred on the north side of Dickinson.

Slope County

16 SW Amidon	15	1550CST			0	0			Hail(1.00)
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Bowman County

Bowman Arpt	15	1559CST			0	0			Thunderstorm Wind (52)
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Dunn County

Halliday	15	1610CST			0	0			Thunderstorm Wind (61)
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One foot diameter tree's snapped.

Stark County

Taylor	15	1617CST			0	0			Thunderstorm Wind (51)
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Mercer County

Beulah	15	1640CST			0	0			Thunderstorm Wind (61)
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Two foot diameter tree's snapped.



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NORTH DAKOTA, Central and West

Oliver County									
15 W Hannover	15	1645CST			0	0			Hail(1.25)
Mercer County									
12 S Zap	15	1650CST	0.5	15	0	0			Tornado (F0)
Morton County									
10 NE New Salem	15	1700CST			0	0			Hail(2.00)
Oliver County									
9 S Hannover	15	1700CST			0	0			Hail(2.00)
Hettinger County									
3 SW Regent	15	1700CST			0	0			Hail(0.75)
Morton County									
4 N Mandan	15	1730CST			0	0			Thunderstorm Wind (52)
Trailer overturned.									
Oliver County									
6 S Price	15	1733CST			0	0			Hail(0.75)
Burleigh County									
3 N Bismarck	15	1743CST			0	0			Hail(0.88)
Burleigh County									
2 N Bismarck	15	1744CST			0	0			Thunderstorm Wind (52)
Burleigh County									
2 S Bismarck Arprt	15	1750CST			0	0			Hail(0.75)
McLean County									
3 S Benedict to Benedict	15	1750CST 1800CST	3	20	0	0			Tornado (F0)
Tornado skipped up and down in open country moving into southern McHenry county then dissipated									
McHenry County									
13 S Voltaire	15	1800CST 1805CST	0	20	0	0			Tornado (F0)
Tornado briefly on ground before lifting back into the clouds.									
Sheridan County									
Mcclusky	15	1810CST			0	0			Thunderstorm Wind (61)
Numerous tree branches down.									
Logan County									
12 NE Napoleon to 21 NE Napoleon	15	1836CST 1848CST	9	100	0	0			Tornado (F1)
Tornado touch down in open field.									
Stutsman County									
3 SW Streeter to 3 N Streeter	15	1848CST 1902CST	6	200	0	0	80K		Tornado (F2)
A supercell thunderstorm developed over Emmons county in south central North Dakota and moved northeast producing an F1 tornado in open county 12 miles northeast of Napoleon in Logan county. The tornado continued northeast increasing to an F2 tornado 3 miles southwest of Streeter then lifted 3 miles north of Streeter. The tornado narrowly missed the city of Streeter but inflicted damage to a farmstead destroying a pickup truck...garage and quonset.									
Stutsman County									
2 N Medina	15	1915CST	1	20	0	0			Tornado (F0)
Stutsman County									
15 W Jamestown	15	1920CST			0	0			Hail(1.75)



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<u>NORTH DAKOTA, Central and West</u>									
Stutsman County									
6 W Montpelier to 1 N Montpelier	15	1938CST	7	20	0	0			Tornado (F0)
Stutsman County									
Montpelier	15	1938CST			0	0			Hail(1.00)
									Window's broken at post office.
La Moure County									
8 ENE Marion to 13 N Verona	15	1958CST 2013CST	8	400	0	0			Tornado (F2)
									The storm survey was completed by NWS Grand Forks. The tornado started in Barnes county 1.5 miles southwest of Litchville, moved across far northeast LaMoure county, and dissipated in Ransom county 6 miles north of Lisbon. The total path length was 20 miles.
Mckenzie County									
3 S Grassy Butte	20	1711CST			0	0			Hail(1.00)
Billings County									
8 N Fairfield	20	1721CST			0	0			Hail(1.00)
Mckenzie County									
14 S Watford City	20	1800CST			0	0			Hail(1.00)
Billings County									
Fairfield	20	1810CST			0	0			Hail(1.00)
Burke County									
6 W Bowbells	21	1730CST			0	0			Thunderstorm Wind (52)
Dickey County									
Merricourt	22	1735CST			0	0			Hail(1.75)
Dickey County									
Merricourt	22	1740CST			0	0			Hail(2.75)