



National Weather Service

Storm Data and Unusual Weather Phenomena



July 1997

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
<u>NORTH DAKOTA, Central and West</u>									
Hettinger County									
Regent	01	0000MST			0	0	25K		Lightning
lightning struck a barn causing it to catch fire. A nearby farm caught fire as well. Both barns were destroyed									
Burleigh County									
5 E Bismarck	01	0250CST			0	0			Hail(1.00)
Hail fell 5 E of Bismarck									
NDZ019									
Mercer									
	02	1200CST 2000CST			0	0			High Wind (45)
With the extremely high water level behind Garrison Dam, 40 mph winds on the 2nd caused water to wash over the main spillway. This was the first time since 1975 that this occurred.									
Golden Valley County									
9 E Beach	10	1509MST			0	0			Hail(1.00)
Hail fell 9 E Beach									
Billings County									
Medora	10	1538MST			0	0			Hail(2.00)
Slope County									
9 W Amidon	10	1620MST			0	0			Hail(0.75)
Hail fell 9 W of Amidon									
Billings County									
Fairfield	10	1630MST			0	0	15K		Thunderstorm Wind (59)
Strong winds tore the roof off of a cattle barn. Damage amounts estimated.									
Dunn County									
4 NE Dodge	10	1740MST			0	0	10K		Thunderstorm Wind (52)
Strong winds occurred 4 NE of Dodge. The wind tore the tin off of a pole barn, then blew the tin 400 yds away.									
Mercer County									
7 S Beulah	10	1838CST			0	0			Thunderstorm Wind (60)
occurred 7 S of Beulah									
Mclean County									
Falkirk	10	1845CST			0	0			Thunderstorm Wind (60)
Strong winds toppled numerous trees in the city.									
Mercer County									
Zap	10	1855CST			0	0			Hail(0.75)
Mercer County									
2 N Golden Vly to 2.2 NE Golden Vly	10	1900CST 1902CST	0.2	10	0	0	35K		Tornado (F0)
Tornado touched down 2 N of Golden Valley and moved to the north before dissipating. Tornado destroyed a pole barn and an airplane hanger. Strangely the airplane in the hanger only received a few scratches									
Mercer County									
7 S Beulah	10	1902CST			0	0			Thunderstorm Wind (75)
Wind occurred 7 S Beulah									
Ward County									
(Mib)Minot Afb	10	1945CST			0	0			Hail(1.00)
Morton County									
5 NE Hebron	10	1955CST			0	0			Thunderstorm Wind (52)
Wind occurred at ranch 5 NE Hebron. Numerous trees downed at ranch.									



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<u>NORTH DAKOTA, Central and West</u>									
Ward County 5 N Minot to 4.8 N Minot	10	2010CST	0.2	10	0	0			Tornado (F0)
									Brief touchdown 5 N Minot
Ward County 9 NE Foxholm	10	2020CST 2030CST			0	0	10K		Tstm Wind/Hail
									75 mph winds combined with 1 inch hail did considerable damage to a barn and house 9 NE of Foxholm
Morton County Mandan	10	2025CST			0	0	20K		Thunderstorm Wind (60)
									Tree fell on house, causing considerable roof and siding damage.
Renville County Glenburn	10	2030CST			0	0	50K		Thunderstorm Wind (70)
									Numerous trees and outbuilding toppled. Also a grain bin was knocked over.
Bottineau County Lansford	10	2035CST			0	0			Thunderstorm Wind (52)
Ward County (Mib)Minot Afb	10	2035CST			0	0			Thunderstorm Wind (60)
Renville County Tolley	10	2045CST			0	0	700K		Thunderstorm Wind (85)
									Strong winds toppled 85 thousand bushel grain bin. The bin had 4 thousand bushel in it at the time. Another grain bin with more grain in it was severely dented toward the top of the bin.
Mclean County 5 N Turtle Lake	10	2130CST			0	0	30K		Thunderstorm Wind (70)
									Strong winds destroyed a pole barn and garage 5 N Turtle Lake
Mchenry County Anamoose	10	2140CST			0	0	25K		Thunderstorm Wind (65)
									20 foot tree crashed through a house
Pierce County Rugby	10	2222CST			0	0			Thunderstorm Wind (52)
Ward County Foxholm	11	1540CST			0	0			Hail(0.75)
Renville County Loraine	11	1850CST			0	0			Hail(0.75)
Mchenry County Deering	11	1937CST			0	0			Hail(0.75)
Mchenry County 6 NW Upham	11	1947CST			0	0			Thunderstorm Wind (52)
									Strong winds occurred 6 NW of Upham
Bottineau County Gardena	11	2005CST			0	0			Thunderstorm Wind (52)
Bottineau County Bottineau	11	2010CST			0	0			Thunderstorm Wind (52)
Bottineau County 6 NW Kramer to 6.5 NW Kramer	11	2030CST 2035CST	0.5	15	0	0	10K		Tornado (F0)
									brief tornado touchdown 6 NW of Kramer. a few power poles and trees were snapped.
Rolette County 9 NE Dunseith	11	2100CST			0	0			Thunderstorm Wind (60)
									Winds occurred 9 N of Dunseith near the port of entry. Numerous trees downed.



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NORTH DAKOTA, Central and West

Dunn County

1 W Halliday	13	1215MST 1230MST			0	0	40K		Thunderstorm Wind (100)
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report came from a woman that had a digital wind recorder on her farm 1 W of Halliday. Numerous trees downed as fell as extensive damage to farm and out buildings. A tractor-trailer was blown through a fence.

McLean County

2 NE Riverdale	13	1255CST			0	0			Hail(0.75)
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hail occurred 2 NE of Riverdale

Golden Valley County

Beach	17	2235MST			0	0			Hail(0.75)
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60 mph winds also occurred

Billings County

3 E Medora	17	2305MST			0	0			Thunderstorm Wind (52)
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winds occurred 3 E Medora

Hettinger County

New England	18	0045MST			0	0			Hail(1.00)
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Hettinger County

Mott	18	0110MST			0	0	20K		Thunderstorm Wind (65)
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tree blown down on top of house

Stark County

2 NW Gladstone	18	0115MST			0	0	3K		Thunderstorm Wind (55)
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strong winds blew a pickup camper shell through a garage door. winds occurred 2 NW Gladstone.

Morton County

Glen Ullin	18	0335CST			0	0			Thunderstorm Wind (52)
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trees toppled in Glen Ullin

Burleigh County

Bismarck	18	0400CST			0	0	10K		Thunderstorm Wind (65)
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strong winds blew a 10" diameter branch down onto a Jeep. Power was also lost to 500 homes

La Moure County

La Moure	18	1630CST			0	0			Thunderstorm Wind (55)
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numerous trees down in the city

Logan County

Gackle	19	1150CST			0	0	50K		Lightning
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lightning struck the house at 1150 in the morning...causing the insulation to smolder until 1130 pm in the evening when the fire finally broke out. The house and all contents inside were completely destroyed.

McIntosh County

4 NE Zeeland to 7 NE Zeeland	19	1350CST 1355CST	3	20	0	0			Tornado (F0)
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tornado touched down 4 NE of Zeeland and then moved northeast

Renville County

Sherwood	23	1805CST			0	0			Hail(0.75)
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Renville County

12 S Greene	23	1826CST	0.2	30	1	2	46K		Tornado (F2)
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A tornado touched down 12 miles south of Greene or 7 N of Carpio. The tornado touched down directly on a farmhouse. The house was blown off of the foundation, then blown apart. A 70 yr. old man was blown out of the house, while a 1 month old infant was trapped in the debris. A 73 yr old woman was also trapped under the debris. She was alive when found but passed away at the hospital from her injuries. F73OU



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<u>NORTH DAKOTA, Central and West</u>									
Renville County									
Glenburn	23	1910CST			0	0			Hail(0.75)
Ward County									
Minot Afb	23	1915CST			0	0			Thunderstorm Wind (103)
Ward County									
Burlington	23	1924CST 1926CST			0	0			Hail(0.75)
									hail also accompanied by 60 mph winds
Mountrail County									
New Town	23	1933CST			0	0			Hail(1.75)
									hail occurred 3 E New Town
Mchenry County									
Deering	23	1945CST			0	0			Hail(0.75)
									hail also accompanied by 60 mph winds.
Mountrail County									
Parshall	23	1955CST			0	0			Hail(1.00)
Mchenry County									
Granville	23	2000CST 2033CST			0	0			Hail(0.88)
									hail also accompanied by 70-90 mph winds
Pierce County									
5 W Rugby	23	2125CST			0	0			Hail(1.75)
									hail fell 5 W Rugby
Mckenzie County									
Wattford City	24	0320CST			0	0	5K		Thunderstorm Wind (72)
									tree fell on car
Bottineau County									
Souris	24	1715CST			0	0			Hail(0.75)
Stark County									
5 NW Dickinson	24	1730MST			0	0			Hail(2.00)
									hail fell 5 NW Dickinson
Bottineau County									
Lansford	24	1745CST			0	0	30K		Thunderstorm Wind (70)
									thunderstorm winds tore roof off of dairy barn. The winds also moved a trailer house 3 feet off of its foundation.
Stark County									
South Heart	24	1753MST 1953MST			0	0			Hail(1.75)
Stark County									
5 NE Dickinson to 5 NW Dickinson	24	1815MST			0	0			Thunderstorm Wind (61)
									wind occurred 5 NW Dickinson
Bottineau County									
2 E Newburg	24	1900CST			0	0	15K		Lightning
									lightning struck an oil tank 2 E of Newburg. The tank burned to the ground
Rolette County									
10 N Dunseith	24	1900CST			0	0			Hail(0.75)
									hail fell 10 N Dunsieith
Pierce County									
3 NW Barton to 3.1 NW Barton	24	1910CST	0.1	10	0	0			Tornado (F0)
									brief tornado touchdown 3 nw Barton



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<u>NORTH DAKOTA, Central and West</u>									
Bottineau County									
Willow City	24	1912CST			0	0			Hail(1.75)
Pierce County									
5 N Rugby	24	1930CST			0	0	12K		Lightning
lightning struck 5 N of Rugby. 19 head of cattle took shelter from the storm under a tree. The tree got struck by lightning, killing all cattle huddled under the tree									
Mchenry County									
Towner	24	1957CST			0	0			Hail(1.75)
Mclean County									
12 N Garrison	24	1957CST			0	0			Hail(1.75)
hail fell 12 N Garrison along with 60 mph winds.									
Pierce County									
7 NW Rugby	24	1957CST			0	0			Hail(1.75)
hail fell 7 NW Rugby									
Pierce County									
3 W Rugby	24	2030CST			0	0			Hail(0.75)
hail fell 3 W of Rugby									
Kidder County									
Dawson	25	1353CST			0	0			Hail(1.00)
Ward County									
5 SW Minot to 5.5 SW Minot	25	1355CST 1406CST	0.5	10	0	0			Tornado (F0)
brief tornado touchdown 5 SW of Minot									
Renville County									
4 SW Mohall to 5 SE Mohall	25	1402CST 1418CST	9	15	0	0			Tornado (F0)
tornado moved from 4 SW of Mohall to 5 SE of Mohall									
Ward County									
8 S Minot to 20 SE Minot	25	1408CST 1441CST	12	15	0	0			Tornado (F0)
tornado moved from 8 S of Minot to 20 SE of Minot									
Bottineau County									
14 NE Lansford	25	1418CST	0.2	10	0	0			Tornado (F0)
brief tornado touchdown 14 ne of Lansford near Mohall									