



National Weather Service

Storm Data and Unusual Weather Phenomena



July 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>NORTH DAKOTA, Central and West</u>									
La Moure County									
Marion	02	1554CST			0	0			Hail(1.00)
Small hail covered the ground. Reported by a NWS cooperative observer.									
La Moure County									
La Moure	02	1630CST			0	0			Hail(0.75)
Reported by a NWS cooperative observer.									
Stutsman County									
3 S Medina	02 03	2230CST 0100CST			0	0	15K		Flash Flood
Heavy rains over Stutsman county brought 6.30 inches of rain in a 2 1/2 hour period causing water flowing over roads and washing out driveways. Water accumulated over land flooding yards and basements. Flash flooding mainly in Chicago Township.									
Mckenzie County									
33 W Grassy Butte	07	2100CST			0	0			Thunderstorm Wind (MG61)
Golden Valley County									
3 ESE Trotters	07	2135CST			0	0			Thunderstorm Wind (EG56)
Hettinger County									
Regent	08	0120CST			0	0			Hail(1.00)
Total crop damage observed along Highway 22 by a NWS cooperative observer									
Renville County									
7 S Mohall	10	0115CST 0200CST			0	0			Flash Flood
Rainfall of 2.70 inches fell and caused water to flow over roads into farm yard and basement of home.									
Oliver County									
Countywide	10	1525CST 1540CST			0	0			Thunderstorm Wind (EG56)
A severe thunderstorm moved west to east across Oliver county producing damaging winds and golf ball size hail. Seven (7) rural farmsteads were damaged along with 900 acres of crops.									
Burleigh County									
2 S Regan	10	1650CST 1705CST			0	0			Hail(0.88)
Kidder County									
11 SSW Tuttle	10	1725CST 1745CST			0	0			Hail(1.00)
Kidder County									
2 N Steele	10	1830CST 1837CST			0	0			Hail(1.00)
Stutsman County									
12 W Jamestown to 10 W Jamestown	10	1900CST 1905CST			0	0			Thunderstorm Wind (MG55)
Heavy rain accompanied the storm.									
Stutsman County									
4 W Ypsilanti	10	1920CST 1945CST			0	0			Hail(0.75)
Stutsman County									
4 W Ypsilanti	10	1950CST 2035CST			0	0			Flash Flood
Heavy rains totaled nearly 4 inches causing water to rise as high as 2 feet in depth. Hail accompanied the storm piling up 2 to 4 inches in depth. Largest stone over penny size.									
Williams County									
Ray	11	1956CST 2000CST			0	0			Funnel Cloud



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NORTH DAKOTA, Central and West

Golden Valley County

Beach to Golva	11	2025CST 2035CST			0	0			Thunderstorm Wind (EG61)
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A line of severe thunderstorms moved over western Golden Valley County causing widespread damage from Beach to Golva. Grain bins were demolished, buildings collapsed, downed power and telephone lines and numerous tree damage.

Golden Valley County

8 E Sentinel Butte	11	2035CST			0	0			Hail(1.50)
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Wind gust to 55 mph (48 knots) accompanied the storm.

Mckenzie County

Wafford City	11	2100CST			0	0			Thunderstorm Wind (EG52)
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Dunn County

3 SSE New Hradec	11	2126CST			0	0			Thunderstorm Wind (EG52)
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Mckenzie County

25 NNW Grassy Butte	11	2130CST			0	0			Thunderstorm Wind (MG52)
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Four inch diameter tree limbs down at the Theodore Roosevelt National Park, North Unit.

Dunn County

Killdeer	11	2133CST			0	0			Thunderstorm Wind (MG54)
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Williams County

Grenora	11	2145CST			0	0			Hail(0.75)
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Reported by a NWS cooperative observer.

Divide County

15 SE Alkabo	11	2200CST			0	0			Hail(0.75)
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Wind gust to 52 knots accompanied the storm.

Williams County

Zahl	11	2200CST			0	0			Hail(1.00)
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Significant crop damage along with 2.10 inches of rain in less than 2 hours. Reported by a NWS cooperative observer.

Mercer County

Golden Vly	11	2210CST			0	0			Thunderstorm Wind (MG55)
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Williams County

Mc Gregor	11	2230CST			0	0			Thunderstorm Wind (EG61)
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Williams County

Wildrose	11	2230CST			0	0			Hail(0.75)
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Mercer County

Hazen	11	2240CST			0	0			Thunderstorm Wind (EG52)
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Burke County

1 NW Powers Lake	11	2242CST			0	0			Thunderstorm Wind (EG70)
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Burke County

10 NW Powers Lake	11	2242CST			0	0			Thunderstorm Wind (MG70)
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Ward County

Douglas	11	2255CST			0	0			Thunderstorm Wind (EG64)
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Ward County

Kenmare to Donnybrook	11	2305CST 2320CST			0	0			Thunderstorm Wind (EG61)
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Numerous trees down around town.

Mclean County

15 W Benedict	11	2305CST			0	0			Thunderstorm Wind (EG65)
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NORTH DAKOTA, Central and West

Mclean County

Max	11	2315CST 2320CST			0	0			Thunderstorm Wind (EG65)
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Numerous trees uprooted and power lines down.

Renville County

15 SW Mohall to Mohall	11	2332CST 2343CST			0	0	500K		Thunderstorm Wind (EG78)
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A line of late night severe thunderstorms moved east through Renville County into western Bottineau County causing widespread wind damage. Two miles southwest of Mohall a newly constructed home was heavily damaged by wind as was several other buildings located on the property. In the city of Mohall winds damaged a garage, shingles were blown off roofs and a utility shed blown over.

Bottineau County

10 NE Lansford to 12 NNE Bottineau	11	2343CST 2355CST			0	0	500K		Thunderstorm Wind (EG78)
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A line of late night severe thunderstorms moved east out of Renville County through Bottineau causing widespread wind damage. Nearly 200 trees were blown over, three (3) barns were damaged, four (4) new 60,000 bushel grain storage buildings, valued at \$300,000 totally destroyed in western Bottineau County. Twelve miles north northeast of Bottineau, on Lake Metigoshe, numerous boats, piers and trees were damaged. Several cabins had structural damage.

Renville County

Tolley	11	2355CST			0	0			Thunderstorm Wind (EG60)
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Quanset shop and grain bins demolished.

Burleigh County

12 N Bismarck	12	0002CST			0	0			Hail(1.00)
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Deputy in Baldwin reports 1 inch hail.

Rolette County

Rolette	12	0050CST			0	0			Thunderstorm Wind (EG70)
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Numerous trees, greater than 10 inch in diameter, blown down. Several sheds destroyed.

Stutsman County

Jamestown	12	0209CST			0	0			Thunderstorm Wind (MG57)
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Measured by ASOS (automated surface observing system).

Golden Valley County

1 SW Beach	14	1840CST			0	0			Hail(1.00)
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Golden Valley County

Beach	14	1855CST			0	0			Hail(1.00)
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Nickel to quarter size hail on the south side of Beach.

Golden Valley County

Golva	14	1910CST			0	0			Hail(2.00)
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Golden Valley County

10 S Beach	14	1917CST			0	0			Hail(0.88)
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Golden Valley County

23 SE Beach	14	1920CST			0	0			Hail(1.25)
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Bowman County

Central Portion	14	2000CST 2100CST			0	0			Hail(2.00)
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A severe thunderstorm moved through Bowman county causing widespread hail damage to homes and vehicles and two funnel clouds. Travelers reported large hail responsible for broken windshields. Hail of various size accumulated four (4) to six (6) inches on the roadway, deep enough to make travel impossible and required the North Dakota Department of Transportation to respond with snowplows to clear off the roads. Several farmsteads received broken windows due to the hail. Severe crop damage was



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NORTH DAKOTA, Central and West

reported along the path of the storm.

Bowman County									
7 W Bowman	14	2015CST			0	0			Funnel Cloud
Bowman County									
11 S Bowman	14	2045CST			0	0			Funnel Cloud
Slope County									
12 ESE Marmarth to 12 SSE Marmarth	14	2112CST 2119CST			0	0			Hail(1.50)

Severe thunderstorms moved northeast out of Bowman county into far south central and southeast Slope county causing widespread hail damage to crops. Broken windows were reported on several farmsteads and estimated wind gust to 70 mph (61 knots) accompanied the storm.

Mountrail County									
Stanley	14	2255CST			0	0			Hail(1.75)
Mountrail County									
Stanley	14	2258CST			0	0			Hail(2.50)
Ward County									
8 W Berthold	14	2320CST			0	0			Hail(1.00)
Mountrail County									
Tagus	14	2330CST			0	0			Hail(1.75)
Dunn County									
Halliday	14	2332CST			0	0			Hail(0.88)
Burke County									
3 SW Portal to 2 SW Portal	15	1901CST 1904CST	1	20	0	0			Tornado (F0)

The tornado was thin and ropelike. The tornado was observed on the ground in open country for 2 or 3 minutes before lifting and dissipated.

Stark County									
4 E Richardton to 6 SE Richardton	17	1905CST 1926CST			0	0			Hail(1.75)
Logan County									
17 SE Napoleon	18	1845CST			0	0			Hail(1.75)
Mcintosh County									
Wishek	18	1850CST			0	0			Hail(1.75)
Mcintosh County									
3 SE Ashley	18	1935CST 2036CST			0	0			Hail(0.75)
La Moure County									
2 NNW Marion to 1 NW Marion	18	1950CST 1952CST	2	100	0	0			Tornado (F0)

The tornado started as a F4 over Barnes County moving south southeast. Tornado was in its dissipating stage as it crossed into LaMoure County. The tornado was in open country and caused no damage in LaMoure County

Dunn County									
Killdeer	20	1554CST			0	0			Thunderstorm Wind (MG50)
Mountrail County									
12 NW Plaza	20	1752CST			0	0			Thunderstorm Wind (EG52)
Kidder County									
6 S Tappen	20	1800CST			0	0			Hail(0.75)

Estimated wind gust to 60 mph (52 knots) was reported with this storm.



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Ward County

5 NE Makoti	20	1817CST			0	0			Hail(0.75)
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Estimated wind gust to 60 mph (52 knots) was reported with this storm.

Logan County

6 SE Burnstad	20	1920CST 1923CST			0	0			Hail(1.75)
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Mcintosh County

6 W Wishek	20	1925CST 1935CST			0	0	25K		Thunderstorm Wind (EG61)
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Wind accompanied by 1 inch hail. Emergency Management reported hail and wind damage to crops. A roof was torn off a farm building and grain bins were blown over.

Morton County

1 W Mandan to 1 N Mandan	27	1720CST 1726CST			0	0			Hail(1.00)
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Large hail reports received from 1 W Mandan, Mandan, and 1 N of Mandan.

Burleigh County

4 SE Bismarck	27	1800CST			0	0			Hail(0.75)
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Burleigh County

Regan	27	1840CST			0	0			Hail(0.75)
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