



National Weather Service

Storm Data and Unusual Weather Phenomena



November 2000

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

NORTH DAKOTA, Central and West

Burleigh County

6 N Bismarck to
10 NNW Bismarck

01	1355CST 1405CST		3	50	0	2			Tornado (F1)
----	--------------------	--	---	----	---	---	--	--	---------------------

Tornado touched down near highway 83 in north Bismarck and traveled in a west..northwest direction. Forty two homes sustained minor to moderate damage and injuring two people.

Burleigh County

Menoken

01	1404CST				0	0			Funnel Cloud
----	---------	--	--	--	---	---	--	--	---------------------

Burleigh County

10 N Bismarck to
13 NW Bismarck

01	1433CST 1500CST		5	100	0	0	55K		Tornado (F2)
----	--------------------	--	---	-----	---	---	-----	--	---------------------



November 1, 2000 tornado 8 miles northwest of Bismarck, ND
Photo taken by Pat Whitlock, KETV5

Rare November tornado north of Bismarck, ND. 11-1-2000

Tornado touched down in a sparsely developed area in open country along highway 1804. The tornado skipped in a west..northwest direction. One home was heavily damaged. Several bales of hay were destroyed. The tornado crossed the Missouri River into Morton county.

Burleigh County

8 NW Bismarck

01	1440CST				0	0			Hail(0.75)
----	---------	--	--	--	---	---	--	--	-------------------

Morton County

5 N Mandan to
12 NW Mandan

01	1500CST 1540CST		12	50	0	0			Tornado (F1)
----	--------------------	--	----	----	---	---	--	--	---------------------

Tornado crossed the Missouri River from Burleigh county and moved in a northwest direction skipping across the open country side. The tornado then entered into Oliver county.

McLean County

Wilton

01	1505CST				0	0			Hail(0.75)
----	---------	--	--	--	---	---	--	--	-------------------

Power outage in town.

Burleigh County

3 WSW Wilton to
2 W Wilton

01	1505CST		2	40	0	0			Tornado (F0)
----	---------	--	---	----	---	---	--	--	---------------------

Tornado touched down in open country and moved in a west northwest direction. The tornado remained in open country moving into McLean county.

McLean County

14 SE Washburn to
8 SE Washburn

01	1505CST 1520CST		6	40	0	0			Tornado (F0)
----	--------------------	--	---	----	---	---	--	--	---------------------

Tornado originated in Burleigh county before moving into southeast McLean county. The tornado skipped across the country side



National Weather Service

Storm Data and Unusual Weather Phenomena



November 2000

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

NORTH DAKOTA, Central and West

damaging several power poles.

Oliver County

14 SE Center

01	1540CST 1550CST	5	50	0	0				Tornado (F1)
----	--------------------	---	----	---	---	--	--	--	---------------------

Tornado entered Oliver county from Morton county. The tornado remained in open country then lifted back into the clouds 14 miles southeast of Center.

Morton County

**3 E New Salem to
9 NW New Salem**

01	1543CST 1558CST	12	40	0	0				Tornado (F0)
----	--------------------	----	----	---	---	--	--	--	---------------------

Tornado touched down in open country skipping in a west northwest direction. The tornado remained in open country.

Mclean County

**8 SW Mercer to
11 N Washburn**

01	1558CST 1630CST	20	40	0	0				Tornado (F0)
----	--------------------	----	----	---	---	--	--	--	---------------------

Tornado touched down in open country skipping in a west direction across the country side.

The tornado outbreak on the 1st of November was a rare and unusual weather phenomena to occur so late in the year in North Dakota. The last recorded tornado to occur in the state was October 11th 1979 in Sargent county in southeastern North Dakota. Several tornadoes, with five distinct paths, hit south central North Dakota causing property damage and injuries. The majority of the damage and injuries occurred in the Bismarck area. Forty two homes sustained minor to major damage. The tornadoes were rated F0 and F1 on the Fujita scale, packing winds up to 90 mph. Another unusual phenomena observed were that these tornadoes traveled from east to west. This was caused by an intense low pressure system, centered over north central South Dakota, spinning counterclockwise, allowing the low level flow over Bismarck to move east to west. At the same time period these tornadoes were occurring, snow began to fall in the far western area of North Dakota. Winter storm watches and warnings were posted across north central and western North Dakota that afternoon.

**NDZ001>005-009>013-
017>019-021-031>033-
040>041-043>044**

Divide - Burke - Renville - Bottineau - Rolette - Williams - Mountrail - Ward - Mchenry - Pierce - Mckenzie - Dunn - Mercer - Mclean - Golden Valley - Billings - Stark - Slope - Hettinger - Bowman - Adams

02	0800CST 2100CST			0	7				Winter Storm
----	--------------------	--	--	---	---	--	--	--	---------------------

A low pressure system over Colorado moved northeast over the plains and intensified. Heavy snow fell across northcentral and western North Dakota with snow amounts ranging from 6 to 14 inches. In Divide county 14 inches of snow fell in the city of Fortuna. Other snow amounts includes 12 inches at Beach in Golden Valley county and Rhame in Bowman county received up to 10 inches of snow. Wind gust to 50 mph were reported in many areas resulting in many roads being closed and caused a tour bus accident in Bowman county resulting in seven serious injuries. Power outages were widespread across the northwest area of the state where up to 500 power lines were downed causing an estimated 1 million dollar's in damage.



National Weather Service

Storm Data and Unusual Weather Phenomena



November 2000

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

<p>NDZ001>005-009>013- 017>023-025-031>037- 040>048-050>051</p>	<p>Divide - Burke - Renville - Bottineau - Rolette - Williams - Mountrail - Ward - Mchenry - Pierce - Mckenzie - Dunn - Mercer - Oliver - Mclean - Sheridan - Wells - Foster - Golden Valley - Billings - Stark - Morton - Burleigh - Kidder - Stutsman - Slope - Hettinger - Grant - Bowman - Adams - Sioux - Emmons - Logan - La Moure - Mcintosh - Dickey</p>	<p>07 0100CST 08 1200CST</p>	<p>0</p>	<p>0</p>	<p>Winter Storm</p>
---	---	--	-----------------	-----------------	----------------------------

A strong low pressure system along the Kansas/Missouri border moved northward to western Minnesota. Abundant amount of moisture was drawn northward with this system and wrapped around much colder air to the west and north of the low pressure center. Heavy snow fell across western and central North Dakota with accumulations of 6 to 18 inches reported. Up to 18 inches fell in the city of Alexander in McKenzie county causing widespread power outages due to 40 power line: downed. In Divide county at Crosby, reports of two dozen sheep were buried alive in four foot snow drifts. The sheep were rescued with no lost of the livestock. Other areas received an average of 4 to 8 inches. The snow was accompanied by gusty northwest winds up to 40 mph causing widespread reduced visibilities less than a half mile and wind chills to 30 below zero.