



# National Weather Service

## Storm Data and Unusual Weather Phenomena



August 2002

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

### NORTH DAKOTA, Central and West

#### Stutsman County

9 W Jamestown      01      0015CST                0      0                     Hail(1.00)

#### Adams County

25 E Hettinger      08      1841CST                0      0                     Thunderstorm Wind (E52)  
Damage ranged from broken windows and numerous small trees down. A barn just outside of Hettinger was destroyed by the wind

#### Sioux County

25 W Selfridge      08      1850CST                0      2                     Thunderstorm Wind (E52)  
In the small community of Porcupine, a trailer home was destroyed by the wind. Two occupants in the home received minor injuries

#### Grant County

10 SE Carson      08      1920CST                0      0                     Thunderstorm Wind (M60)

#### Morton County

New Salem      08      1929CST                0      0                     Thunderstorm Wind (M51)

#### Morton County

Flasher      08      1945CST                0      0                     Thunderstorm Wind (E52)  
Reported by a NSW cooperative observer.

#### Morton County

St Anthony      08      1950CST                0      0                     Thunderstorm Wind (E61)  
Reported by a NWS cooperative observer.

#### Emmons County

Strasburg      08      2005CST                0      0                     Thunderstorm Wind (M52)  
Large tree branches down.

#### Mclean County

10 SW Garrison      08      2006CST                0      0                     Thunderstorm Wind (E61)  
Public reported winds strong enough to shake their home.

#### Burleigh County

3 SE (Bis)Bismarck Mun      08      2009CST                0      0                     Thunderstorm Wind (M68)

#### Mcintosh County

Wishek      08      2030CST                0      0                     Thunderstorm Wind (M52)  
Large tree branches down.

#### Mclean County

Garrison      08      2036CST                0      0                     Thunderstorm Wind (M70)  
Marble size hail accompanied the storm. Numerous trees and branches down. Moderate to severe damage to crops

#### Mcintosh County

Ashley      08      2050CST                0      0                     Thunderstorm Wind (E52)  
Trees blown over by the wind.

#### Logan County

3 NW Lehr      08      2100CST                0      0                     Thunderstorm Wind (E57)

#### Kidder County

Pettibone      08      2105CST                0      0                     Thunderstorm Wind (E52)

#### Sheridan County

Mcluskys      08      2115CST                0      0                     Thunderstorm Wind (E52)  
Large tree limbs down. Minor flooding within the city.

#### Sheridan County

Mcluskys      08      2115CST                0      0                     Thunderstorm Wind (E52)  
Large trees down in the city.



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|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

### NORTH DAKOTA, Central and West

#### Foster County

|                  |    |         |  |  |   |   |  |  |                         |
|------------------|----|---------|--|--|---|---|--|--|-------------------------|
| 10 SW Carrington | 08 | 2136CST |  |  | 0 | 0 |  |  | Thunderstorm Wind (M57) |
|------------------|----|---------|--|--|---|---|--|--|-------------------------|

Large trees toppled and numerous branches down.

#### Wells County

|        |    |         |  |  |   |   |  |  |                         |
|--------|----|---------|--|--|---|---|--|--|-------------------------|
| Harvey | 08 | 2202CST |  |  | 0 | 0 |  |  | Thunderstorm Wind (E52) |
|--------|----|---------|--|--|---|---|--|--|-------------------------|

#### Sioux County

|              |    |         |  |  |   |   |  |  |            |
|--------------|----|---------|--|--|---|---|--|--|------------|
| 8 N Ft Yates | 11 | 1420CST |  |  | 0 | 0 |  |  | Hail(1.00) |
|--------------|----|---------|--|--|---|---|--|--|------------|

The public reported skirting torn off their mobile home from the storm.

#### Emmons County

|             |    |                    |  |  |   |   |  |  |                         |
|-------------|----|--------------------|--|--|---|---|--|--|-------------------------|
| 5 NW Linton | 11 | 1440CST<br>1445CST |  |  | 0 | 0 |  |  | Thunderstorm Wind (E52) |
|-------------|----|--------------------|--|--|---|---|--|--|-------------------------|

Pea size hail reported with the storm.

#### Stutsman County

|             |    |         |  |  |   |   |  |  |            |
|-------------|----|---------|--|--|---|---|--|--|------------|
| 5 NE Medina | 11 | 1444CST |  |  | 0 | 0 |  |  | Hail(1.00) |
|-------------|----|---------|--|--|---|---|--|--|------------|

#### Foster County

|              |    |         |  |  |   |   |  |  |                         |
|--------------|----|---------|--|--|---|---|--|--|-------------------------|
| 3 W Mc Henry | 11 | 1445CST |  |  | 0 | 0 |  |  | Thunderstorm Wind (M57) |
|--------------|----|---------|--|--|---|---|--|--|-------------------------|

Dime size hail reported with the storm. Reported by a NSW cooperative observer.

#### Stutsman County

|                               |    |                    |   |     |   |   |      |  |              |
|-------------------------------|----|--------------------|---|-----|---|---|------|--|--------------|
| 5 N Medina to<br>5.3 N Medina | 11 | 1500CST<br>1520CST | 1 | 300 | 0 | 0 | 650K |  | Tornado (F4) |
|-------------------------------|----|--------------------|---|-----|---|---|------|--|--------------|



*Two adults and their 3 grandchildren took shelter in the basement bunker located just above the fan blade.*

The tornado formed 5 miles north of Medina, over open country, traveling slowly to the north...northeast. One farmstead was totally destroyed and the second farmstead suffered moderate damage. No injuries were reported but a family pet was killed. Other damage reported was a 9 ton grain truck moved 250 feet and destroyed, three other vehicles moved 150 to 250 feet and heavily damaged, and a farm tractor picked up and laid on top a farm pickup truck. Also destroyed were 5 transmission towers with a cost replacement of \$200 thousand. The tornado was rated by National Weather Service Storm Survey Team.



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| Location                                     | Date | Time<br>Local/<br>Standard   | Path<br>Length<br>(Miles) | Path<br>Width<br>(Yards) | Number of<br>Persons |         | Estimated<br>Damage |       | Character of Storm      |
|--|------|--|---------------------------|--------------------------|----------------------|---------|---------------------|-------|-------------------------|
|  |      |  |                           |                          | Killed               | Injured | Property            | Crops |                         |
| <b><u>NORTH DAKOTA, Central and West</u></b> |      |  |                           |                          |                      |         |                     |       |                         |
| <b>Stutsman County</b>                       |      |  |                           |                          |                      |         |                     |       |                         |
| 6 N Cleveland                                | 11   | 1520CST  |                           |                          | 0                    | 0       |                     |       | Hail(1.00)              |
| <b>Logan County</b>                          |      |  |                           |                          |                      |         |                     |       |                         |
| Napoleon                                     | 11   | 1525CST  |                           |                          | 0                    | 0       |                     |       | Hail(0.88)              |
| <b>Stutsman County</b>                       |      |  |                           |                          |                      |         |                     |       |                         |
| Medina                                       | 11   | 1640CST  |                           |                          | 0                    | 0       |                     |       | Hail(0.75)              |
| <b>Golden Valley County</b>                  |      |  |                           |                          |                      |         |                     |       |                         |
| Beach  | 16   | 1529CST  |                           |                          | 0                    | 0       |                     |       | Thunderstorm Wind (M59) |
| <b>Mckenzie County</b>                       |      |  |                           |                          |                      |         |                     |       |                         |
| Grassy Butte                                 | 16   | 1558CST  |                           |                          | 0                    | 0       |                     |       | Hail(0.88)              |
| <b>Billings County</b>                       |      |  |                           |                          |                      |         |                     |       |                         |
| Medora                                       | 16   | 1615CST  |                           |                          | 0                    | 0       |                     |       | Thunderstorm Wind (E52) |
| <b>Slope County</b>                          |      |  |                           |                          |                      |         |                     |       |                         |
| 10 NW Amidon                                 | 16   | 1620CST  |                           |                          | 0                    | 0       |                     |       | Thunderstorm Wind (M61) |
| <b>Bowman County</b>                         |      |  |                           |                          |                      |         |                     |       |                         |
| Bowman Arpt                                  | 16   | 1628CST  |                           |                          | 0                    | 0       |                     |       | Thunderstorm Wind (M53) |
| <b>Stark County</b>                          |      |  |                           |                          |                      |         |                     |       |                         |
| Belfield                                     | 16   | 1630CST  |                           |                          | 0                    | 0       |                     |       | Thunderstorm Wind (M57) |
| <b>Dunn County</b>                           |      |  |                           |                          |                      |         |                     |       |                         |
| Halliday                                     | 16   | 1650CST  |                           |                          | 0                    | 0       |                     |       | Hail(0.75)              |
| <b>Dunn County</b>                           |      |  |                           |                          |                      |         |                     |       |                         |
| Halliday                                     | 16   | 1650CST  |                           |                          | 0                    | 0       |                     |       | Hail(1.00)              |
|  |      | Reported by a NWS cooperative observer.  |                           |                          |                      |         |                     |       |                         |
| <b>Morton County</b>                         |      |  |                           |                          |                      |         |                     |       |                         |
| Hebron                                       | 16   | 1710CST  |                           |                          | 0                    | 0       |                     |       | Hail(0.75)              |
|  |      | Newspaper reported estimated 70 mph winds accompanied the storm.   |                           |                          |                      |         |                     |       |                         |
| <b>Adams County</b>                          |      |  |                           |                          |                      |         |                     |       |                         |
| Hettinger                                    | 16   | 1715CST  |                           |                          | 0                    | 0       |                     |       | Thunderstorm Wind (M51) |
| <b>Mercer County</b>                         |      |  |                           |                          |                      |         |                     |       |                         |
| Beulah                                       | 16   | 1720CST  |                           |                          | 0                    | 0       |                     |       | Hail(0.75)              |
| <b>Morton County</b>                         |      |  |                           |                          |                      |         |                     |       |                         |
| Glen Ullin                                   | 16   | 1726CST  |                           |                          | 0                    | 0       |                     |       | Hail(0.75)              |
| <b>Grant County</b>                          |      |  |                           |                          |                      |         |                     |       |                         |
| 13 N Elgin                                   | 16   | 1730CST  |                           |                          | 0                    | 0       |                     |       | Hail(1.00)              |
|  |      | Estimated 60 mph winds accompanied the storm which destroyed a silo and damaged several other farm outbuildings. Numerous tree limbs down around Lake Tschida. |                           |                          |                      |         |                     |       |                         |
| <b>Morton County</b>                         |      |  |                           |                          |                      |         |                     |       |                         |
| Mandan                                       | 16   | 1815CST  |                           |                          | 0                    | 0       |                     |       | Hail(0.75)              |
| <b>Mclean County</b>                         |      |  |                           |                          |                      |         |                     |       |                         |
| 2 E Benedict                                 | 16   | 1905CST  |                           |                          | 0                    | 0       |                     |       | Hail(1.00)              |
| <b>La Moure County</b>                       |      |  |                           |                          |                      |         |                     |       |                         |
| 6 NE Edgeley                                 | 16   | 2025CST  |                           |                          | 0                    | 0       |                     |       | Thunderstorm Wind (E52) |
|  |      | Reported by a NSW cooperative observer.  |                           |                          |                      |         |                     |       |                         |
| <b>Dunn County</b>                           |      |  |                           |                          |                      |         |                     |       |                         |
| 10 N Killdeer                                | 21   | 0840CST  |                           |                          | 0                    | 0       |                     |       | Flood                   |
|  |      | Several county roads washed out.   |                           |                          |                      |         |                     |       |                         |
| <b>Hettinger County</b>                      |      |  |                           |                          |                      |         |                     |       |                         |
| 11 NNE Regent                                | 21   | 0940CST  |                           |                          | 0                    | 0       |                     |       | Thunderstorm Wind (E52) |
|  |      | An old storage shed destroyed . Hailstones nearly dime size piled a few feet deep in ditches. Nearly 2 inches of rain fell with the                            |                           |                          |                      |         |                     |       |                         |



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|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

### NORTH DAKOTA, Central and West

storm. Many crops leveled by wind driven hail and very heavy rain.

|  |    |         |  |  |   |   |     |  |                         |
|--|----|---------|--|--|---|---|-----|--|-------------------------|
| <b>Hettinger County</b>                                    |    |         |  |  |   |   |     |  |                         |
| 12 NE Regent   | 21 | 0942CST |  |  | 0 | 0 |     |  | Thunderstorm Wind (E60) |
| An abandoned church was badly damaged by the wind.         |    |         |  |  |   |   |     |  |                         |
| <b>Ward County</b>   |    |         |  |  |   |   |     |  |                         |
| Carpio   | 23 | 1515CST |  |  | 0 | 0 |     |  | Hail(0.75)              |
| <b>Ward County</b>   |    |         |  |  |   |   |     |  |                         |
| 4 NW Foxholm   | 23 | 1520CST |  |  | 0 | 0 |     |  | Hail(0.75)              |
| <b>Mchenry County</b>                                      |    |         |  |  |   |   |     |  |                         |
| Towner   | 23 | 1645CST |  |  | 0 | 0 |     |  | Hail(0.75)              |
| <b>Burke County</b>  |    |         |  |  |   |   |     |  |                         |
| 3 NE Flaxton   | 23 | 1900CST |  |  | 0 | 0 | 50K |  | Lightning               |
| Lightning destroyed 4-400 barrel gas and oil storage tanks |    |         |  |  |   |   |     |  |                         |
| <b>Burke County</b>  |    |         |  |  |   |   |     |  |                         |
| 6 E Columbus   | 25 | 1642CST |  |  | 0 | 0 |     |  | Hail(0.88)              |
| <b>Burke County</b>  |    |         |  |  |   |   |     |  |                         |
| 4 N Portal   | 25 | 1653CST |  |  | 0 | 0 |     |  | Hail(1.00)              |
| Severe crop damage reported.                               |    |         |  |  |   |   |     |  |                         |
| <b>Slope County</b>  |    |         |  |  |   |   |     |  |                         |
| Amidon   | 25 | 1800CST |  |  | 0 | 0 |     |  | Hail(0.75)              |
| <b>Burke County</b>  |    |         |  |  |   |   |     |  |                         |
| Bowbells   | 25 | 1830CST |  |  | 0 | 0 |     |  | Hail(0.75)              |
| <b>Ward County</b>   |    |         |  |  |   |   |     |  |                         |
| Kenmare  | 25 | 1845CST |  |  | 0 | 0 |     |  | Hail(0.75)              |
| <b>Renville County</b>                                     |    |         |  |  |   |   |     |  |                         |
| 6 NE Tolley  | 25 | 1915CST |  |  | 0 | 0 |     |  | Hail(0.75)              |
| <b>Renville County</b>                                     |    |         |  |  |   |   |     |  |                         |
| Sherwood   | 25 | 1945CST |  |  | 0 | 0 |     |  | Hail(0.75)              |
| <b>Ward County</b>   |    |         |  |  |   |   |     |  |                         |
| Minot  | 25 | 1955CST |  |  | 0 | 0 |     |  | Thunderstorm Wind (E52) |
| <b>Ward County</b>   |    |         |  |  |   |   |     |  |                         |
| (Mib)Minot Afb   | 25 | 2015CST |  |  | 0 | 0 |     |  | Hail(0.75)              |
| <b>Sioux County</b>  |    |         |  |  |   |   |     |  |                         |
| Selfridge  | 26 | 1050CST |  |  | 0 | 0 |     |  | Hail(0.75)              |
| <b>Kidder County</b>                                       |    |         |  |  |   |   |     |  |                         |
| 11 SW Tuttle   | 26 | 1410CST |  |  | 0 | 0 |     |  | Hail(1.00)              |
| <b>Wells County</b>  |    |         |  |  |   |   |     |  |                         |
| 1 SW Bowdon  | 26 | 1507CST |  |  | 0 | 0 |     |  | Hail(0.75)              |
| <b>Wells County</b>  |    |         |  |  |   |   |     |  |                         |
| 2 N Bremen   | 26 | 1530CST |  |  | 0 | 0 |     |  | Hail(0.75)              |
| <b>Ward County</b>   |    |         |  |  |   |   |     |  |                         |
| Kenmare  | 26 | 1605CST |  |  | 0 | 0 |     |  | Hail(1.75)              |
| <b>Wells County</b>  |    |         |  |  |   |   |     |  |                         |
| 10 SW Fessenden  | 26 | 1610CST |  |  | 0 | 0 |     |  | Hail(1.00)              |
| <b>Renville County</b>                                     |    |         |  |  |   |   |     |  |                         |
| 5 NW Grano   | 26 | 1715CST |  |  | 0 | 0 |     |  | Hail(0.75)              |
| <b>Mchenry County</b>                                      |    |         |  |  |   |   |     |  |                         |
| Drake  | 26 | 1715CST |  |  | 0 | 0 |     |  | Hail(0.75)              |
| Reported by a NWS cooperative observer.                    |    |         |  |  |   |   |     |  |                         |



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|--|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--|
| <b><u>NORTH DAKOTA, Central and West</u></b> |      |                            |                           |                          |                                |                                 |                                 |                              |  |
| <b>Mchenry County</b>                        |      |                            |                           |                          |                                |                                 |                                 |                              |  |
| <b>9 NE Drake</b>                            | 26   | 1715CST                    |                           |                          | 0                              | 0                               |                                 |                              | Hail(0.88)   |
| <b>Bottineau County</b>                      |      |                            |                           |                          |                                |                                 |                                 |                              |  |
| <b>Lansford</b>                              | 26   | 1735CST                    |                           |                          | 0                              | 0                               |                                 |                              | Hail(0.75)   |
|  |      |                            |                           |                          |                                |                                 |                                 |                              | Reported by a NWS cooperative observer.  |
| <b>Renville County</b>                       |      |                            |                           |                          |                                |                                 |                                 |                              |  |
| <b>Glenburn</b>                              | 26   | 1749CST                    |                           |                          | 0                              | 0                               |                                 |                              | Hail(1.75)   |
|  |      |                            |                           |                          |                                |                                 |                                 |                              | Most crops in the Glenburn area wiped out. Majority of the homes and other buildings in the Glenburn area sustain hail damage. |
| <b>Rolette County</b>                        |      |                            |                           |                          |                                |                                 |                                 |                              |  |
| <b>Rolla</b>                                 | 26   | 1810CST                    |                           |                          | 0                              | 0                               |                                 |                              | Hail(1.00)   |
| <b>Mchenry County</b>                        |      |                            |                           |                          |                                |                                 |                                 |                              |  |
| <b>7 W Bantry</b>                            | 26   | 1825CST                    |                           |                          | 0                              | 0                               |                                 |                              | Hail(1.00)   |
| <b>Mchenry County</b>                        |      |                            |                           |                          |                                |                                 |                                 |                              |  |
| <b>Bantry</b>                                | 26   | 1844CST                    |                           |                          | 0                              | 0                               |                                 |                              | Hail(0.75)   |
|  |      |                            |                           |                          |                                |                                 |                                 |                              | Wind gust up to 50 mph reported with the storm.  |
| <b>Bottineau County</b>                      |      |                            |                           |                          |                                |                                 |                                 |                              |  |
| <b>10 W Bottineau</b>                        | 26   | 1855CST                    |                           |                          | 0                              | 0                               |                                 |                              | Hail(1.75)   |
| <b>Ward County</b>                           |      |                            |                           |                          |                                |                                 |                                 |                              |  |
| <b>6 SW Kenmare</b>                          | 27   | 1540CST                    |                           |                          | 0                              | 0                               |                                 |                              | Hail(1.75)   |
| <b>Ward County</b>                           |      |                            |                           |                          |                                |                                 |                                 |                              |  |
| <b>8 S Kenmare</b>                           | 27   | 1630CST                    |                           |                          | 0                              | 0                               |                                 |                              | Hail(0.75)   |
|  |      |                            |                           |                          |                                |                                 |                                 |                              | Several crop fields wiped out by the hail  |
| <b>Mchenry County</b>                        |      |                            |                           |                          |                                |                                 |                                 |                              |  |
| <b>3 SW Balfour</b>                          | 27   | 1750CST                    |                           |                          | 0                              | 0                               |                                 |                              | Hail(0.75)   |
| <b>Mchenry County</b>                        |      |                            |                           |                          |                                |                                 |                                 |                              |  |
| <b>6 SSW Balfour</b>                         | 27   | 1800CST                    |                           |                          | 0                              | 0                               |                                 |                              | Hail(1.75)   |
| <b>Mchenry County</b>                        |      |                            |                           |                          |                                |                                 |                                 |                              |  |
| <b>Anamoose</b>                              | 27   | 1850CST                    |                           |                          | 0                              | 0                               |                                 |                              | Hail(1.00)   |
| <b>Morton County</b>                         |      |                            |                           |                          |                                |                                 |                                 |                              |  |
| <b>New Salem</b>                             | 27   | 2307CST                    |                           |                          | 0                              | 0                               |                                 |                              | Thunderstorm Wind (M51)  |
| <b>Mcintosh County</b>                       |      |                            |                           |                          |                                |                                 |                                 |                              |  |
| <b>15 SE Wishek</b>                          | 28   | 1554CST                    |                           |                          | 0                              | 0                               |                                 |                              | Hail(0.75)   |
| <b>Oliver County</b>                         |      |                            |                           |                          |                                |                                 |                                 |                              |  |
| <b>12 NW Hannover</b>                        | 30   | 1545CST<br>1550CST         |                           |                          | 0                              | 0                               |                                 |                              | Flood  |
|  |      |                            |                           |                          |                                |                                 |                                 |                              | County roads flooded with 1 to 2 feet of water resulting in deep cuts in the roads. Rainfall of 5.08 inches from the storm.    |
| <b>Mercer County</b>                         |      |                            |                           |                          |                                |                                 |                                 |                              |  |
| <b>4 SE Hazen</b>                            | 30   | 1630CST                    |                           |                          | 0                              | 0                               |                                 |                              | Flood  |
|  |      |                            |                           |                          |                                |                                 |                                 |                              | County roads washed out and rutted from flood waters.  |
| <b>Oliver County</b>                         |      |                            |                           |                          |                                |                                 |                                 |                              |  |
| <b>3 S Center</b>                            | 30   | 1656CST                    |                           |                          | 0                              | 0                               |                                 |                              | Hail(0.75)   |
| <b>Oliver County</b>                         |      |                            |                           |                          |                                |                                 |                                 |                              |  |
| <b>10 SE Center</b>                          | 30   | 1700CST                    |                           |                          | 0                              | 0                               |                                 |                              | Hail(0.75)   |
| <b>Oliver County</b>                         |      |                            |                           |                          |                                |                                 |                                 |                              |  |
| <b>5 S Hensler</b>                           | 30   | 1730CST                    |                           |                          | 0                              | 0                               |                                 |                              | Hail(1.00)   |
| <b>Sheridan County</b>                       |      |                            |                           |                          |                                |                                 |                                 |                              |  |
| <b>Mcclusky</b>                              | 30   | 1735CST                    |                           |                          | 0                              | 0                               |                                 |                              | Hail(0.88)   |



# National Weather Service

## Storm Data and Unusual Weather Phenomena



August 2002

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

### NORTH DAKOTA, Central and West

|  |    |                    |  |  |   |   |  |  |                         |
|--|----|--------------------|--|--|---|---|--|--|-------------------------|
| <b>Oliver County</b>   |    |                    |  |  |   |   |  |  |                         |
| 2 NW Sanger  | 30 | 1800CST            |  |  | 0 | 0 |  |  | Flood                   |
| Washed out roads and deep ruts at the Cross Ranch State Park.                                  |    |                    |  |  |   |   |  |  |                         |
| <b>Morton County</b>   |    |                    |  |  |   |   |  |  |                         |
| Mandan   | 30 | 1808CST            |  |  | 0 | 0 |  |  | Hail(0.75)              |
| <b>Burleigh County</b>   |    |                    |  |  |   |   |  |  |                         |
| (Bis)Bismarck Muni A   | 30 | 1811CST            |  |  | 0 | 0 |  |  | Hail(1.00)              |
| <b>Oliver County</b>   |    |                    |  |  |   |   |  |  |                         |
| 10 NE Center   | 30 | 1822CST            |  |  | 0 | 0 |  |  | Hail(1.00)              |
| <b>Burleigh County</b>   |    |                    |  |  |   |   |  |  |                         |
| 1 SW (Bis)Bismarck Mu  | 30 | 1830CST            |  |  | 0 | 0 |  |  | Hail(1.75)              |
| <b>Burleigh County</b>   |    |                    |  |  |   |   |  |  |                         |
| Bismarck   | 30 | 1835CST            |  |  | 0 | 0 |  |  | Hail(2.50)              |
| <b>Sheridan County</b>   |    |                    |  |  |   |   |  |  |                         |
| 3 E McClusky   | 30 | 1846CST            |  |  | 0 | 0 |  |  | Hail(0.75)              |
| <b>McLean County</b>   |    |                    |  |  |   |   |  |  |                         |
| Washburn   | 30 | 1855CST            |  |  | 0 | 0 |  |  | Hail(0.75)              |
| <b>Burleigh County</b>   |    |                    |  |  |   |   |  |  |                         |
| Wilton   | 30 | 1907CST            |  |  | 0 | 0 |  |  | Hail(0.75)              |
| <b>Rolette County</b>  |    |                    |  |  |   |   |  |  |                         |
| 3 SW St John   | 31 | 1645CST            |  |  | 0 | 0 |  |  | Hail(1.75)              |
| <b>Morton County</b>   |    |                    |  |  |   |   |  |  |                         |
| 1 W Mandan   | 31 | 1727CST            |  |  | 0 | 0 |  |  | Hail(1.00)              |
| <b>Burleigh County</b>   |    |                    |  |  |   |   |  |  |                         |
| Bismarck   | 31 | 1742CST            |  |  | 0 | 0 |  |  | Hail(2.00)              |
| <b>Burleigh County</b>   |    |                    |  |  |   |   |  |  |                         |
| 3 N Bismarck   | 31 | 1749CST            |  |  | 0 | 0 |  |  | Hail(1.50)              |
| <b>Morton County</b>   |    |                    |  |  |   |   |  |  |                         |
| Almont   | 31 | 1755CST<br>1805CST |  |  | 0 | 0 |  |  | Hail(0.75)              |
| Reported by a NWS cooperative observer.  |    |                    |  |  |   |   |  |  |                         |
| <b>Morton County</b>   |    |                    |  |  |   |   |  |  |                         |
| 7 W Mandan   | 31 | 1848CST            |  |  | 0 | 0 |  |  | Hail(0.88)              |
| <b>Burleigh County</b>   |    |                    |  |  |   |   |  |  |                         |
| Bismarck   | 31 | 1852CST            |  |  | 0 | 0 |  |  | Hail(1.00)              |
| <b>Burleigh County</b>   |    |                    |  |  |   |   |  |  |                         |
| Bismarck   | 31 | 1853CST            |  |  | 0 | 0 |  |  | Hail(2.50)              |
| The largest hail reports were from the northern areas of the city. Minor roof damage reported. |    |                    |  |  |   |   |  |  |                         |
| <b>Burleigh County</b>   |    |                    |  |  |   |   |  |  |                         |
| Bismarck   | 31 | 1905CST<br>1925CST |  |  | 0 | 0 |  |  | Urban/Sml Stream Fld    |
| Streets and underpasses filled with water.   |    |                    |  |  |   |   |  |  |                         |
| <b>Burleigh County</b>   |    |                    |  |  |   |   |  |  |                         |
| 11 E Bismarck  | 31 | 1930CST            |  |  | 0 | 0 |  |  | Hail(0.75)              |
| <b>Burleigh County</b>   |    |                    |  |  |   |   |  |  |                         |
| 4 NE Menoken   | 31 | 1940CST            |  |  | 0 | 0 |  |  | Hail(0.75)              |
| Reported by a NWS cooperative observer.  |    |                    |  |  |   |   |  |  |                         |
| <b>Kidder County</b>   |    |                    |  |  |   |   |  |  |                         |
| 3 E Steele   | 31 | 2000CST            |  |  | 0 | 0 |  |  | Thunderstorm Wind (E57) |



# National Weather Service

## Storm Data and Unusual Weather Phenomena



August 2002

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

**NORTH DAKOTA, Central and West**

|                        |    |         |  |  |   |   |  |  |            |
|------------------------|----|---------|--|--|---|---|--|--|------------|
| <b>Sioux County</b>    |    |         |  |  |   |   |  |  |            |
| Cannon Ball            | 31 | 2026CST |  |  | 0 | 0 |  |  | Hail(1.75) |
| <b>Slope County</b>    |    |         |  |  |   |   |  |  |            |
| 3 SW Amidon            | 31 | 2030CST |  |  | 0 | 0 |  |  | Hail(1.00) |
| <b>Stutsman County</b> |    |         |  |  |   |   |  |  |            |
| Cleveland              | 31 | 2055CST |  |  | 0 | 0 |  |  | Hail(0.75) |
| <b>Stutsman County</b> |    |         |  |  |   |   |  |  |            |
| Jamestown              | 31 | 2103CST |  |  | 0 | 0 |  |  | Hail(0.75) |
| <b>Dickey County</b>   |    |         |  |  |   |   |  |  |            |
| 2 N Forbes             | 31 | 2305CST |  |  | 0 | 0 |  |  | Hail(1.75) |