## NORTH DAKOTA CROP, LIVESTOCK, & WEATHER REPORT



Cooperating With: NDSU EXTENSION SERVICE, FARM SERVICE AGENCY, ND AG WEATHER NETWORK (NDAWN) and UND AEROSPACE REGIONAL WEATHER INFORMATION CENTER

Released: January 28, 2013 For Month Ending: January 27, 2013

**General:** Mostly above normal temperatures were recorded in January while snowfall amounts varied across the state, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. High winds with little snow cover resulted in soil erosion in some areas. Some cattle producers are concerned about forage supplies as calving approaches. County and secondary roads on January 27 were rated as 94 percent open, 5 difficult, and 1 closed. Road conditions were 16 percent drifted, 15 icy and 69 dry. Agricultural activities during January included feeding and selling of livestock, hauling grain and purchasing seed.

Statewide, average snow depth was 4.1 inches on January 27, compared with 1.8 inches on January 29, 2012. **<u>Crops</u>**: As of January 27, snow cover protection for alfalfa was rated 34 percent poor, 50 adequate and 16 excellent. Snow cover protection for winter wheat was rated 28 percent poor, 44 adequate and 28 excellent.

**Livestock:** Cattle conditions were rated 2 percent poor, 12 fair, 70 good and 16 excellent. Sheep conditions were rated 1 percent poor, 14 fair, 72 good and 13 excellent. Hay and forage supplies were rated 1 percent very short, 11 short, 80 adequate and 8 surplus.

## Livestock Condition North Dakota: January 27, 2013

| Livestock | Very<br>poor | Poor      | Fair      | Good      | Excellent |
|-----------|--------------|-----------|-----------|-----------|-----------|
|           | (percent)    | (percent) | (percent) | (percent) | (percent) |
| Cattle    | -            | 2         | 12        | 70        | 16        |
| Sheep     | -            | 1         | 14        | 72        | 13        |

- Represents zero.



## Average Snow Depth by Date - North Dakota

16.6

Inches 28 -

24 20

16

12 8

4

0

4.2

29

3.3

2/5/06 2/4/07 2/3/08 2/1/09 1/31/10 1/30/11 1/29/12 1/27/13

13.3

24.3

~ Compiled and Published by ~

4.1

1.8

USDA, National Agricultural Statistics Service, North Dakota Field Office • P.O. Box 3166 • Fargo, ND 58108 • 701-239-5306 E-mail: nass-nd@nass.usda.gov • Internet: http://www.nass.usda.gov/nd/ OFFICIAL BUSINESS Penalty for Private Use, \$300

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NORTH DAKOTA CROP WEATHER REPORT, Month Ending January 27, 2013

Weather: Overall, temperatures for January were above normal across much of the state with near normal temperatures in parts of the north central. Precipitation was above normal across parts of the far northwest and northeast and below normal across much of the rest of the state. There were no major widespread snowfall events across the state during January, but mainly frequent light snow events with snow accumulations generally less than one inch in any single event. A somewhat more widespread light snow occurred on January 11 and 12. Snow accumulations ranged from 2 to 7 inches with this storm system in the northern and eastern parts of the state with the higher amounts in the far northeast.

Outlook, February: February will start out with below normal temperatures in the east and above normal temperatures in the west. Precipitation for the first week of the month will be near normal. Near to below normal temperatures will be likely for the second week of the month with near to above normal precipitation. Temperatures for the second half of the month should be below normal with above normal precipitation. Overall for the month of February, the state will see below normal temperatures and above normal precipitation.

| TEMPERATURE, J | anuary 1-27, 2013 |
|----------------|-------------------|
|                |                   |

CROP WEATHER

| District &<br>Stations    Temperature<br>High    Low    Average<br>Average    Depart/norm <sup>+</sup> NORTHWEST<br>Bowbells    36    -20    11    5      Bowbells    36    -20    11    5      Williston    37    -10    16    8      Mohall    37    -16    11    5      NORTH CENTRAL    35    -22    10    6      Baker    35    -21    8    5      Rugby    36    -21    9    4      NORTHEAST   | TEMPERATURE, January 1-27, 2013 |             |             |             |               |  |  |  |
|---|---------------------------------|-------------|-------------|-------------|---------------|--|--|--|
| Image: NORTHWEST    (degrees F)    (degrees F) | District &                      |             |             |             |               |  |  |  |
| NORTHWEST    36    -20    11    5      Bowbells    37    -10    16    8      Mohall    37    -16    11    5      Minot    37    -15    14    5      NORTH CENTRAL    35    -22    10    6      Baker    35    -21    8    5      Rugby    36    -21    9    4      NORTHEAST    -    -    -    -      Cando    35    -25    8    -2    -      Cavalier    38    -24    11    9    -      Forest River    40    -19    13    8    -      Grand Forks    41    -17    14    10    -    6      WEST CENTRAL    -    -    -    -    6    -      Hazen    -    38    -12    15    5    -      Carvington    39    -17    12    6    -<   | Stations                        | High        | Low         | Average     | Depart/norm 1 |  |  |  |
| Bowbells    36    -20    11    5      Williston    37    -10    16    8      Mohall    37    -16    11    5      Minot    37    -15    14    5      NORTH CENTRAL    35    -22    10    6      Baker    35    -21    8    5      Rugby    36    -21    9    4      NORTH EAST    7    7    4    9      Cando    35    -25    8    -2      Cavalier    38    -24    11    9      Forest River    40    -19    13    8      Grand Forks    41    -17    14    10      Largedon    38    -21    10    6      WEST CENTRAL    7    -16    13    6      Watford City    41    -10    18    4      CENTRAL    7    12    6      Harvey    39 <t< td=""><td></td><td>(degrees F)</td><td>(degrees F)</td><td>(degrees F)</td><td>(degrees F)</td></t<>   |                                 | (degrees F) | (degrees F) | (degrees F) | (degrees F)   |  |  |  |
| Williston    37    -10    16    8      Mohall    37    -16    11    5      Minot    37    -15    14    5      NORTH CENTRAL    35    -22    10    6      Bottineau    35    -21    8    5      Rugby    36    -21    9    4      NORTHEAST  | NORTHWEST                       |             |             |             |               |  |  |  |
| Mohall    37    -16    11    5      Minot    37    -15    14    5      NORTH CENTRAL    35    -22    10    6      Baker    35    -21    8    5      Rugby    36    -21    9    4      NORTHEAST    7    7    14    9      Cando    35    -25    8    -2      Cavalier    38    -24    11    9      Forest River    40    -19    13    8      Grand Forks    41    -17    14    10      Langdon    34    -25    8    8      St. Thomas    38    -21    10    6      WEST CENTRAL    41    -10    18    4      CENTRAL    37    -16    13    6      Watford City    41    -10    18    4      CENTRAL    39    -17    12    4      Jamestown  | Bowbells                        | 36          | -20         | 11          | 5             |  |  |  |
| Minot    37    -15    14    5      NORTH CENTRAL<br>Baker    35    -22    10    6      Bottineau    35    -21    8    5      Rugby    36    -21    9    4      NORTHEAST    -    -    7    9    4      NORTHEAST    -    -    8    -21    9    4      NORTHEAST    -    38    -25    8    -2    Cavalier    9    4      NORTHEAST    -    40    -19    13    8    Grand Forks    41    -17    14    10    14    10      Largdon    -    34    -25    8    8    5    Thomas    38    -21    10    6      WEST CENTRAL    -    -    -    13    6    44    -12    15    5    7    13    4    20    6    14    14    14    15    14    14    15    14 </td <td>Williston</td> <td>37</td> <td>-10</td> <td>16</td> <td>8</td>   | Williston                       | 37          | -10         | 16          | 8             |  |  |  |
| NORTH CENTRAL<br>Baker    35    -22    10    6      Bottineau    35    -21    8    5      Rugby    36    -21    9    4      NORTHEAST    2    0    4      Cando    35    -25    8    -2      Cavalier    38    -24    11    9      Forest River    40    -19    13    8      Grand Forks    41    -17    14    10      Langdon    34    -25    8    8      St. Thomas    38    -21    10    6      WEST CENTRAL   | Mohall                          | 37          | -16         | 11          | 5             |  |  |  |
| Baker    35    -22    10    6      Bottineau    35    -21    8    5      Rugby    36    -21    9    4      NORTHEAST  | Minot                           | 37          | -15         | 14          | 5             |  |  |  |
| Bottineau    35    -21    8    5      Rugby    36    -21    9    4      NORTHEAST    35    -25    8    -2      Cavalier    38    -24    11    9      Forest River    40    -19    13    8      Grand Forks    41    -17    14    10      Langdon    34    -25    8    8      St. Thomas    38    -21    10    6      WEST CENTRAL   | NORTH CENTRAL                   |             |             |             |               |  |  |  |
| Rugby    36    -21    9    4      NORTHEAST    35    -25    8    -2      Cavalier.    38    -24    11    9      Forest River    40    -19    13    8      Grand Forks    41    -17    14    10      Langdon    34    -25    8    8      St. Thomas    38    -21    10    6      WEST CENTRAL    1    13    6      Hazen    38    -12    15    5      Turtle Lake    37    -16    13    6      Watford City    41    -10    18    4      CENTRAL    -    -    -    -      Carrington    39    -17    12    6      Harvey    39    -17    12    4      Jamestown    39    -15    13    4      Robinson    38    -18    11    1      Dazey    40   | Baker                           | 35          | -22         | 10          | 6             |  |  |  |
| NORTHEAST    35    -25    8    -2      Cavalier    38    -24    11    9      Forest River    40    -19    13    8      Grand Forks    41    -17    14    10      Langdon    34    -25    8    8      St. Thomas    38    -21    10    6      WEST CENTRAL    11    -10    18    4      Hazen    38    -12    15    5      Turtle Lake    37    -16    13    6      Watford City    41    -10    18    4      CENTRAL    7    12    6      Harvey    39    -17    12    4      Jamestown    39    -15    13    4      Robinson    38    -18    11    1      Streeter    38    -16    13    6      EAST CENTRAL    7    7    8    7      Dazey    40  | Bottineau                       | 35          | -21         | 8           | 5             |  |  |  |
| NORTHEAST    35    -25    8    -2      Cavalier    38    -24    11    9      Forest River    40    -19    13    8      Grand Forks    41    -17    14    10      Langdon    34    -25    8    8      St. Thomas    38    -21    10    6      WEST CENTRAL    11    -10    18    4      Hazen    38    -12    15    5      Turtle Lake    37    -16    13    6      Watford City    41    -10    18    4      CENTRAL    7    12    6      Harvey    39    -17    12    4      Jamestown    39    -15    13    4      Robinson    38    -18    11    1      Streeter    38    -16    13    6      EAST CENTRAL    7    7    8    7      Dazey    40  | Rugby                           | 36          | -21         | 9           | 4             |  |  |  |
| Cavalier  |                                 |             |             |             |               |  |  |  |
| Forest River  40  -19  13  8    Grand Forks  41  -17  14  10    Langdon  34  -25  8  8    St. Thomas  38  -21  10  6    WEST CENTRAL  | Cando                           | 35          | -25         | 8           | -2            |  |  |  |
| Grand Forks    41    -17    14    10      Langdon    34    -25    8    8      St. Thomas    38    -21    10    6      WEST CENTRAL    38    -12    15    5      Turtle Lake    37    -16    13    6      Watford City    41    -10    18    4      CENTRAL    39    -17    12    6      Harvey    39    -17    12    4      Jamestown    39    -15    13    4      Robinson    38    -18    11    1      Streeter    38    -16    13    6      EAST CENTRAL   | Cavalier                        | 38          | -24         | 11          | 9             |  |  |  |
| Langdon   | Forest River                    | 40          | -19         | 13          | 8             |  |  |  |
| St. Thomas  | Grand Forks                     | 41          | -17         | 14          | 10            |  |  |  |
| WEST CENTRAL  38  -12  15  5    Turtle Lake  37  -16  13  6    Watford City  41  -10  18  4    CENTRAL  7  12  6    Marvey  39  -17  12  4    Jamestown  39  -15  13  4    Robinson  38  -18  11  1    Streeter  38  -16  13  6    Pazey  40  -17  13  8    Fargo  42  -16  16  9    Hillsboro  40  -22  12  7    SOUTHWEST  8  -9  20  6    Dickinson  43  -11  18  5    Hettinger  49  -8  21  8    SOUTH CENTRAL  7  7  13  6    Dickinson  43  -11  18  5    Hettinger  49  -8  21  8    SOUTH CENTRAL  7  7  7   | Langdon                         | 34          | -25         | 8           | 8             |  |  |  |
| Hazen  38  -12  15  5    Turtle Lake  37  -16  13  6    Watford City  41  -10  18  4    CENTRAL  7  12  6    Carrington  39  -17  12  4    Jamestown  39  -15  13  4    Robinson  38  -18  11  1    Streeter  38  -16  13  6    PAZey  40  -17  13  8    Fargo  42  -16  16  9    Hillsboro  40  -22  12  7    SOUTHWEST  8  -9  20  6    Dickinson  43  -11  18  5    Hettinger  49  -8  21  8    SOUTH CENTRAL  7  7  5  5    Linton  40  -14  15  5    Linton  40  -14  15  6    Oakes  41  -12  16  10 <td>St. Thomas</td> <td>38</td> <td>-21</td> <td>10</td> <td>6</td>  | St. Thomas                      | 38          | -21         | 10          | 6             |  |  |  |
| Turtle Lake  37  -16  13  6    Watford City  41  -10  18  4    CENTRAL  39  -17  12  6    Harvey  39  -17  12  4    Jamestown  39  -15  13  4    Robinson  38  -18  11  1    Streeter  38  -16  13  6    EAST CENTRAL  0  -17  13  8    Fargo  40  -17  13  8    Fargo  40  -17  13  8    Fargo  42  -16  16  9    Hillsboro  40  -22  12  7    SOUTHWEST  9  -8  21  8    SOUTH CENTRAL  0  -14  15  5    Linton  40  -14  15  5    Linton  40  -13  16  7    SOUTH EAST  13  16  7  5    Linton  38  -13  15  | WEST CENTRAL                    |             |             |             |               |  |  |  |
| Watford City  41  -10  18  4    CENTRAL  39  -17  12  6    Harvey  39  -17  12  4    Jamestown  39  -15  13  4    Robinson  38  -18  11  1    Streeter  38  -16  13  6    EAST CENTRAL  0  -17  13  8    Fargo  40  -17  13  8    Fargo  40  -17  13  8    Fargo  40  -22  12  7    SOUTHWEST  9  20  6  6    Dickinson  43  -11  18  5    Hettinger  49  -8  21  8    SOUTH CENTRAL  7  7  7  7    SOUTH CENTRAL  7  7  7  7    Court CENTRAL  7  40  -13  16  7    SOUTH CENTRAL  7  7  7  7  7    Sourth CENTRAL   | Hazen                           | 38          | -12         | 15          | 5             |  |  |  |
| CENTRAL  39  -17  12  6    Carrington  39  -17  12  4    Jamestown  39  -17  12  4    Jamestown  39  -15  13  4    Robinson  38  -18  11  1    Streeter  38  -16  13  6    EAST CENTRAL  0  -17  13  8    Pazey  40  -17  13  8    Fargo  42  -16  16  9    Hillsboro  40  -22  12  7    SOUTHWEST  8  -9  20  6    Dickinson  43  -11  18  5    Hettinger  49  -8  21  8    SOUTH CENTRAL  7  3  6  7    SOUTH CENTRAL  7  7  7  7    SOUTH CENTRAL  7  7  7  7    SOUTH CENTRAL  7  7  7  7    SOUTH CENTRAL  7  7  | Turtle Lake                     | 37          | -16         | 13          | 6             |  |  |  |
| Carrington    39    -17    12    6      Harvey    39    -17    12    4      Jamestown    39    -15    13    4      Robinson    38    -18    11    1      Streeter    38    -16    13    6      EAST CENTRAL      7    7      Dazey    40    -17    13    8      Fargo    42    -16    16    9      Hillsboro    40    -22    12    7      SOUTHWEST      7    7      Beach    44    -12    19    4      Bowman    48    -9    20    6      Dickinson    43    -11    18    5      Hettinger    49    -8    21    8      SOUTH CENTRAL      7    7      SOUTH CENTRAL      7    7      SOUTH CENTRAL   | Watford City                    | 41          | -10         | 18          | 4             |  |  |  |
| Harvey  39  -17  12  4    Jamestown  39  -15  13  4    Robinson  38  -18  11  1    Streeter  38  -16  13  6    EAST CENTRAL  0  -17  13  8    Pazey  40  -17  13  8    Fargo  42  -16  16  9    Hillsboro  40  -22  12  7    SOUTHWEST  Beach  44  -12  19  4    Bowman  48  -9  20  6  6    Dickinson  43  -11  18  5    Hettinger  49  -8  21  8    SOUTH CENTRAL  0  -13  16  7    SOUTH CENTRAL   | CENTRAL                         |             |             |             |               |  |  |  |
| Harvey  39  -17  12  4    Jamestown  39  -15  13  4    Robinson  38  -18  11  1    Streeter  38  -16  13  6    EAST CENTRAL  0  -17  13  8    Dazey  40  -17  13  8    Fargo  42  -16  16  9    Hillsboro  40  -22  12  7    SOUTHWEST  9  20  6  6    Dickinson  43  -11  18  5    Hettinger  49  -8  21  8    SOUTH CENTRAL  7  7  7  7    SOUTH CENTRAL  7  7  7  7    SOUTH CENTRAL  7  7  7  8  7    SOUTH CENTRAL  7  7  7  7  7    SOUTH CENTRAL  7  7  7  7  7    SOUTH CENTRAL  7  7  7  7  7  | Carrington                      | 39          | -17         | 12          | 6             |  |  |  |
| Jamestown    39    -15    13    4      Robinson    38    -18    11    1      Streeter    38    -16    13    6      EAST CENTRAL    38    -16    13    6      Dazey    40    -17    13    8      Fargo    42    -16    16    9      Hillsboro    40    -22    12    7      SOUTHWEST    Beach    44    -12    19    4      Bowman    48    -9    20    6    0      Dickinson    43    -11    18    5      Hettinger    49    -8    21    8      SOUTH CENTRAL  | -                               | 39          | -17         | 12          | 4             |  |  |  |
| Streeter    38    -16    13    6      EAST CENTRAL    40    -17    13    8      Dazey    40    -17    13    8      Fargo    42    -16    16    9      Hillsboro    40    -22    12    7      SOUTHWEST    44    -12    19    4      Bowman    48    -9    20    6      Dickinson    43    -11    18    5      Hettinger    49    -8    21    8      SOUTH CENTRAL    40    -14    15    5      Linton    40    -13    16    7      SOUTHEAST    5    6    0akes    41    -12    16    10      Wyndmere    43    -14    16    9    43    -14    16    9  |                                 | 39          | -15         | 13          | 4             |  |  |  |
| Streeter    38    -16    13    6      EAST CENTRAL    40    -17    13    8      Dazey    40    -17    13    8      Fargo    42    -16    16    9      Hillsboro    40    -22    12    7      SOUTHWEST    44    -12    19    4      Bowman    48    -9    20    6      Dickinson    43    -11    18    5      Hettinger    49    -8    21    8      SOUTH CENTRAL    40    -14    15    5      Linton    40    -13    16    7      SOUTHEAST    5    6    0akes    41    -12    16    10      Wyndmere    43    -14    16    9    43    -14    16    9  | Robinson                        | 38          | -18         | 11          | 1             |  |  |  |
| Dazey    40    -17    13    8      Fargo    42    -16    16    9      Hillsboro    40    -22    12    7      SOUTHWEST    44    -12    19    4      Bowman    48    -9    20    6      Dickinson    43    -11    18    5      Hettinger    49    -8    21    8      SOUTH CENTRAL    40    -14    15    5      Mandan    40    -13    16    7      SOUTHEAST    5    6    0    0      Wyndmere    38    -13    15    6  |                                 | 38          | -16         | 13          | 6             |  |  |  |
| Fargo  42  -16  16  9    Hillsboro  40  -22  12  7    SOUTHWEST  44  -12  19  4    Bowman  48  -9  20  6    Dickinson  43  -11  18  5    Hettinger  49  -8  21  8    SOUTH CENTRAL  40  -14  15  5    Mandan  40  -13  16  7    SOUTHEAST  5  5  6  0    Akes  -13  16  7  5    Windmere  38  -13  15  6    Oakes  41  -12  16  10    Wyndmere  43  -14  16  9  | EAST CENTRAL                    |             |             |             |               |  |  |  |
| Fargo  42  -16  16  9    Hillsboro  40  -22  12  7    SOUTHWEST  44  -12  19  4    Bowman  48  -9  20  6    Dickinson  43  -11  18  5    Hettinger  49  -8  21  8    SOUTH CENTRAL  40  -14  15  5    Mandan  40  -13  16  7    SOUTHEAST  5  5  6  0    Akes  -13  16  7  5    Windmere  38  -13  15  6    Oakes  41  -12  16  10    Wyndmere  43  -14  16  9  | Dazey                           | 40          | -17         | 13          | 8             |  |  |  |
| Hillsboro  40  -22  12  7    SOUTHWEST  44  -12  19  4    Beach  44  -12  19  4    Bowman  48  -9  20  6    Dickinson  43  -11  18  5    Hettinger  49  -8  21  8    SOUTH CENTRAL  40  -14  15  5    Mandan  40  -13  16  7    SOUTHEAST  5  5  6    Oakes  41  -12  16  10    Wyndmere  43  -14  16  9  |                                 | 42          | -16         | 16          | 9             |  |  |  |
| SOUTHWEST    44    -12    19    4      Beach    48    -9    20    6      Dickinson    43    -11    18    5      Hettinger    49    -8    21    8      SOUTH CENTRAL    40    -14    15    5      Mandan    40    -13    16    7      SOUTH EAST    5    5    6      Dakes    41    -12    16    10      Wyndmere    43    -14    16    9  |                                 | 40          | -22         | 12          | 7             |  |  |  |
| Beach    44    -12    19    4      Bowman    48    -9    20    6      Dickinson    43    -11    18    5      Hettinger    49    -8    21    8      SOUTH CENTRAL  | SOUTHWEST                       |             |             |             |               |  |  |  |
| Dickinson    43    -11    18    5      Hettinger    49    -8    21    8      SOUTH CENTRAL    40    -14    15    5      Mandan    40    -13    16    7      SOUTH EAST    5    5    5    5      Edgeley    38    -13    15    6      Oakes    41    -12    16    10      Wyndmere    43    -14    16    9   |                                 | 44          | -12         | 19          | 4             |  |  |  |
| Hettinger    49    -8    21    8      SOUTH CENTRAL    40    -14    15    5      Mandan    40    -14    15    5      Linton    40    -13    16    7      SOUTHEAST    5    5    5    6      Cakes    41    -12    16    10      Wyndmere    43    -14    16    9  | Bowman                          | 48          | -9          | 20          | 6             |  |  |  |
| SOUTH CENTRAL    40    -14    15    5      Linton    40    -13    16    7      SOUTHEAST    5    5    5    5      Edgeley    38    -13    15    6      Oakes    41    -12    16    10      Wyndmere    43    -14    16    9   | Dickinson                       | 43          | -11         | 18          | 5             |  |  |  |
| SOUTH CENTRAL    40    -14    15    5      Mandan    40    -13    16    7      Linton    40    -13    16    7      SOUTHEAST  | Hettinger                       | 49          | -8          | 21          | 8             |  |  |  |
| Linton    40    -13    16    7      SOUTHEAST   |                                 |             |             |             |               |  |  |  |
| Linton    40    -13    16    7      SOUTHEAST   | Mandan                          | 40          | -14         | 15          | 5             |  |  |  |
| Edgeley    38    -13    15    6      Oakes    41    -12    16    10      Wyndmere    43    -14    16    9   | Linton                          | 40          | -13         | 16          |               |  |  |  |
| Edgeley    38    -13    15    6      Oakes    41    -12    16    10      Wyndmere    43    -14    16    9   |                                 |             |             |             |               |  |  |  |
| Oakes    41    -12    16    10      Wyndmere    43    -14    16    9  |                                 | 38          | -13         | 15          | 6             |  |  |  |
| Wyndmere 43 -14 16 9  |                                 |             |             |             |               |  |  |  |
|   |                                 |             |             | -           | -             |  |  |  |
|   |                                 |             |             |             |               |  |  |  |

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