

# 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: July 24, 2006  
For Week Ending: July 23, 2006  
ND-CW2906

**General:** Isolated thunderstorms provided temporary relief to some areas of drought-stricken North Dakota, but additional widespread rain is needed for crop and forage development, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Continued above normal temperatures combined with limited soil moisture supplies pushed crop development, but held crop condition ratings well below last year and average. Topsoil moisture supplies were rated 50 percent very short, 40 short and 10 adequate, compared with the five-year (2001-2005) average of 8 percent very short, 18 short, 65 adequate and 9 surplus. Statewide, on average, there were 6.6 days suitable for fieldwork.

**Crops:** Harvest was underway for all small grain crops, at least a week ahead of the average pace. Spring wheat, at 68 percent turning and 5 percent harvested, was more than a week ahead of average. Durum wheat turning, at 28 percent, was more than a week ahead of average. Harvest was 2 percent complete. Barley and oats were 11 and 19 percent harvested, respectively, both ahead of last year and average. Corn silking advanced to 60 percent complete. Soybeans setting pods, at 71 percent complete, gained 31 percentage points from the previous week.

**Livestock:** Livestock producers were busy baling hay, including CRP acreage in many areas. Pasture and range conditions were rated 29 percent very poor, 32 poor, 30 fair and 9 good. Stockwater supplies were rated 22 percent very short, 36 short and 42 adequate. The second cutting of alfalfa was 53 percent complete, while harvest of other hay was 87 percent complete. The hay crop condition was rated 28 percent very poor, 27 poor, 30 fair, 14 good and 1 excellent.

## Crop and Pasture Condition North Dakota, Week Ending July 23, 2006

| Crop              | Very Poor | Poor    | Fair    | Good    | Excellent |
|-------------------|-----------|---------|---------|---------|-----------|
|                   | Percent   | Percent | Percent | Percent | Percent   |
| Barley            | 6         | 18      | 38      | 36      | 2         |
| Durum Wheat       | 4         | 20      | 43      | 32      | 1         |
| Spring Wheat      | 9         | 22      | 37      | 30      | 2         |
| Oats              | 25        | 25      | 30      | 19      | 1         |
| Canola            | 5         | 11      | 41      | 39      | 4         |
| Corn              | 7         | 20      | 35      | 35      | 3         |
| Dry Edible Beans  | 6         | 24      | 39      | 30      | 1         |
| Dry Edible Peas   | 3         | 12      | 38      | 45      | 2         |
| Flaxseed          | 5         | 15      | 47      | 32      | 1         |
| Potatoes          | 6         | 20      | 36      | 34      | 4         |
| Soybeans          | 3         | 18      | 38      | 37      | 4         |
| Sugarbeets        | 2         | 10      | 30      | 55      | 3         |
| Sunflower         | 6         | 15      | 38      | 40      | 1         |
| Pasture and Range | 29        | 32      | 30      | 9       | 0         |

## Small Grains Harvested: Percent Completed, by District North Dakota, Week Ending July 23, 2006

| Crop   | NW              | NC | NE | WC | C  | EC | SW | SC | SE |
|--------|-----------------|----|----|----|----|----|----|----|----|
|        | --- Percent --- |    |    |    |    |    |    |    |    |
| Barley | 4               | 8  | 4  | 13 | 13 | 29 | 22 | 15 | 16 |
| Oats   | 0               | 0  | 2  | 21 | 20 | 7  | 34 | 24 | 16 |

NA = Not Available.

## Crop Development Progress North Dakota, Week Ending July 23, 2006 <sup>1/2/</sup>

| Crop             | Week Ending   |               |               | 2001-2005 Avg |
|------------------|---------------|---------------|---------------|---------------|
|                  | July 23, 2006 | July 16, 2006 | July 23, 2005 |               |
|                  | Percent       | Percent       | Percent       | Percent       |
| BARLEY           |               |               |               |               |
| Milk             | 94            | 81            | 81            | 73            |
| Turning          | 76            | 44            | 49            | 35            |
| Harvested        | 11            | 2             | 1             | 1             |
| DURUM WHEAT      |               |               |               |               |
| Headed           | 95            | 81            | 80            | 77            |
| Milk             | 71            | 43            | 49            | 40            |
| Turning          | 28            | 15            | 16            | 12            |
| Harvested        | 2             | NA            | 0             | 0             |
| SPRING WHEAT     |               |               |               |               |
| Milk             | 95            | 81            | 77            | 67            |
| Turning          | 68            | 39            | 41            | 29            |
| Harvested        | 5             | 1             | 0             | 0             |
| OATS             |               |               |               |               |
| Milk             | 93            | 82            | 80            | 72            |
| Turning          | 74            | 54            | 44            | 33            |
| Harvested        | 19            | 5             | 3             | 1             |
| CANOLA           |               |               |               |               |
| Turning          | 51            | 25            | 29            | 21            |
| Swathed          | 3             | 0             | 1             | 1             |
| CORN             |               |               |               |               |
| Silking          | 60            | 30            | 38            | 37            |
| Dough            | 3             | 0             | 2             | 1             |
| DRY EDIBLE BEANS |               |               |               |               |
| Blooming         | 96            | 84            | 63            | 62            |
| Setting Pods     | 63            | 34            | 26            | 20            |
| Fully Podded     | 3             | NA            | 0             | 0             |
| DRY EDIBLE PEAS  |               |               |               |               |
| Mature           | 69            | 41            | 40            | NA            |
| Harvested        | 16            | NA            | 0             | NA            |
| FLAXSEED         |               |               |               |               |
| Turning          | 37            | 16            | 14            | 7             |
| POTATOES         |               |               |               |               |
| Rows Filled      | 90            | 71            | 54            | 64            |
| Vines Killed     | 4             | NA            | 0             | 0             |
| SOYBEANS         |               |               |               |               |
| Blooming         | 96            | 91            | 75            | 73            |
| Setting Pods     | 71            | 40            | 29            | 25            |
| Fully Podded     | 10            | NA            | 0             | 3             |
| SUNFLOWER        |               |               |               |               |
| Blooming         | 26            | 8             | 9             | 5             |

<sup>1/</sup> Crop development percents represent all acreage in or beyond each stage.

<sup>2/</sup> Progress is based on current intended acreage. NA = Not Available

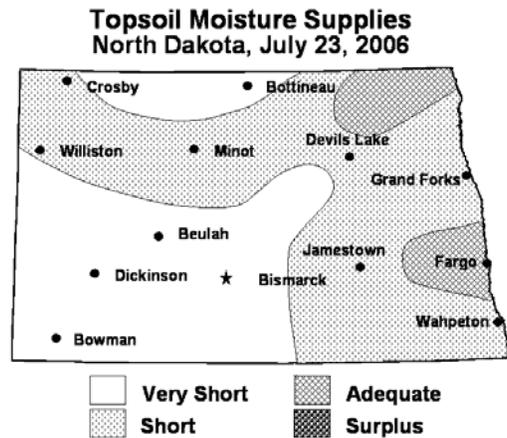
~ Compiled and Published by ~

OFFICIAL BUSINESS  
 Penalty for Private Use, \$300

ADDRESS SERVICE REQUESTED

**Soil Moisture Supplies  
 North Dakota, July 23, 2006 with Comparisons**

| Date           | Week Ending   |               |               | 2001-2005 Avg |
|----------------|---------------|---------------|---------------|---------------|
|                | July 23, 2006 | July 16, 2006 | July 23, 2005 |               |
|                | Percent       | Percent       | Percent       | Percent       |
| <b>Topsoil</b> |               |               |               |               |
| Very Short     | 50            | 45            | 0             | 8             |
| Short          | 40            | 42            | 10            | 18            |
| Adequate       | 10            | 13            | 78            | 65            |
| Surplus        | 0             | 0             | 12            | 9             |
| <b>Subsoil</b> |               |               |               |               |
| Very Short     | 35            | 31            | 1             | 8             |
| Short          | 45            | 45            | 8             | 16            |
| Adequate       | 20            | 24            | 78            | 66            |
| Surplus        | 0             | 0             | 13            | 10            |



**Weather:** A cold front moving across the state on Monday dropped temperatures up to 20 degrees in some areas. Areas in the west saw highs in the mid to upper 80s while the east saw highs in the upper 70s to low 80s. Temperatures warmed again on Tuesday. Highs were near 100 in the southwest to the mid-80s northeast. A system moving in from the west brought some welcome rainfall across drought stricken areas in the western and southern parts of the state on Wednesday. Rainfall amounts ranged from 0.10 to 0.90 inches. Temperatures were seasonal with highs in the 80s statewide. The weekend brought a return to dry conditions and very warm temperatures. Highs reached into the upper 90s and low 100s west. High temperatures in the east ranged from the upper 80s to mid-90s along with humid conditions.

**Outlook, July 24-30:** The majority of the state will see daily chances of scattered thunderstorms through midweek. Temperatures will once again be above seasonal normals, with a return to more seasonal temperatures by the end of the week. Look for a chance of thunderstorms across the state on Tuesday with the eastern areas seeing the best chances. Highs will range from around 90 degrees east to the upper 90s west. The west will see a chance for thunderstorms on Wednesday. Temperatures will remain warm with highs in the 90s statewide. The eastern half of the state will again see a chance of thunderstorms on Thursday, while the west should see fairly dry conditions. Temperatures will be slightly cooler with highs in the 80s statewide. The weekend will bring dry conditions and seasonal temperatures.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending July 23, 2006**

| Stations by District | Temperature Past Week |             | Seasonal Precipitation Beginning April 1 <sup>1/</sup> |          |                             |
|----------------------|-----------------------|-------------|--|----------|-----------------------------|
|                      | High                  | Low         | Past Week  | Total    | Depart Normal <sup>2/</sup> |
|                      | (Degrees F)           | (Degrees F) | (Inches)   | (Inches) | (Inches)                    |
| (1) Bowbells         | 96                    | 48          | 0.14   | 5.02     | -3.72                       |
| Williston            | 98                    | 53          | 0.05   | 6.89     | -0.23                       |
| Mohall               | 95                    | 48          | 0.01   | 5.27     | -3.50                       |
| Minot                | 94                    | 51          | 0.30   | 5.14     | 4.13                        |
| (2) Baker            | 90                    | 55          | 0.01   | 4.27     | -4.57                       |
| Bottineau            | 94                    | 47          | 0.00   | 4.09     | -4.96                       |
| Rugby                | 91                    | 50          | 0.00   | 3.64     | -5.46                       |
| (3) Cando            | 92                    | 50          | 0.01   | 4.87     | -3.52                       |
| Cavalier             | 95                    | 52          | 0.00   | 4.33     | -4.70                       |
| Forest River         | 93                    | 53          | 0.00   | 3.76     | -5.17                       |
| Grand Forks          | 92                    | 51          | 0.00   | 4.34     | -4.12                       |
| Langdon              | 91                    | 52          | 0.00   | 4.42     | -4.69                       |
| St. Thomas           | 94                    | 51          | 0.00   | 3.24     | -5.69                       |
| (4) Hazen            | 99                    | 50          | 0.22   | 5.48     | -3.69                       |
| Turtle Lake          | 95                    | 53          | 0.36   | 4.83     | -4.28                       |
| Watford City         | 99                    | 54          | 0.18   | 7.34     | -0.75                       |
| (5) Carrington       | 92                    | 49          | 0.12   | 6.73     | -3.44                       |
| Harvey               | 93                    | 49          | 0.13   | 4.32     | -2.99                       |
| Jamestown            | 92                    | 51          | 0.32   | 5.45     | -3.71                       |
| Robinson             | 91                    | 51          | 0.40   | 5.83     | -3.24                       |
| Streeter             | 92                    | 54          | 0.74   | 6.25     | -2.44                       |
| (6) Dazey            | 92                    | 51          | 0.02   | 4.38     | -5.40                       |
| Fargo                | 93                    | 57          | 0.00   | 4.18     | -5.60                       |
| Hillsboro            | 92                    | 54          | 0.00   | 3.92     | -5.96                       |
| (7) Beach            | 96                    | 54          | 0.02   | 7.18     | -1.01                       |
| Bowman               | 100                   | 56          | 0.55   | 8.14     | -0.47                       |
| Dickinson            | 99                    | 55          | 0.58   | 7.50     | -1.63                       |
| Hettinger            | 101                   | 55          | 0.21   | 5.50     | -3.33                       |
| (8) Mandan           | 97                    | 58          | 0.30   | 4.06     | -5.06                       |
| Linton               | 95                    | 58          | 0.52   | 4.86     | -3.81                       |
| (9) Edgeley          | 93                    | 52          | 0.57   | 6.71     | -2.77                       |
| Oakes                | 92                    | 54          | 0.74   | 7.52     | -2.13                       |
| Wyndmere             | 93                    | 54          | 0.65   | 6.14     | -4.50                       |

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending July 23, 2006**

| District Averages | Average Temperature |                             | Seasonal Precipitation Beginning April 1 <sup>1/</sup> |          |                             |
|-------------------|---------------------|-----------------------------|--|----------|-----------------------------|
|                   | Past Week           | Depart Normal <sup>2/</sup> | Past Week  | Total    | Depart Normal <sup>2/</sup> |
|                   | (Degrees F)         | (Degrees F)                 | (Inches)   | (Inches) | (Inches)                    |
| Northwest(1)      | 72                  | 4                           | 0.12   | 5.58     | -2.84                       |
| N. Central(2)     | 71                  | 3                           | 0.00   | 4.00     | -5.00                       |
| Northeast(3)      | 72                  | 2                           | 0.00   | 4.16     | -4.65                       |
| W. Central(4)     | 75                  | 4                           | 0.25   | 5.88     | -2.91                       |
| Central (5)       | 71                  | 1                           | 0.34   | 5.72     | -3.16                       |
| E. Central(6)     | 73                  | 2                           | 0.01   | 4.16     | -5.65                       |
| Southwest(7)      | 77                  | 7                           | 0.34   | 7.08     | -1.61                       |
| S. Central(8)     | 77                  | 5                           | 0.41   | 4.46     | -4.43                       |
| Southeast(9)      | 73                  | 1                           | 0.65   | 6.79     | -3.13                       |

<sup>1/</sup> Precipitation amounts may vary due to an inaccurate snowfall melt. <sup>2/</sup> Normal is the 1971-2000 average. NA=Not available. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

<sup>1/</sup> Precipitation amounts may vary due to an inaccurate snowfall melt. <sup>2/</sup> Normal is the 1971-2000 average. NA=Not Available. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.