

# 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: June 26, 2006  
For Week Ending: June 25, 2006  
ND-CW2506

**General:** Crop conditions declined last week due to continued dry weather, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Late week thunderstorms produced only limited amounts of precipitation in scattered locations across the state. Topsoil moisture supplies were rated 15 percent very short, 32 short, 52 adequate and 1 surplus, compared with the five-year (2001-2005) average of 6 percent very short, 9 short, 68 adequate and 17 surplus. Statewide, on average, there were 6.3 days suitable for fieldwork.

**Crops:** Lack of sufficient moisture continued to be the major concern for crop producers. Small grain crop conditions were rated mostly fair to good, but well below last year. Spring wheat, at 72 percent booted and 46 percent headed, continued more than a week ahead of average. Durum wheat booted was 30 percent complete, ahead of last year and average. Development of all other crops continued ahead of average, while condition ratings declined. Post emergence spraying for control of broadleaf weeds was 90 percent complete, and spraying for wild oats was 93 percent complete.

**Livestock:** Pasture and range conditions continued to decline due to limited precipitation and were rated 12 percent very poor, 23 poor, 30 fair, 33 good and 2 excellent. Stockwater supplies were rated 11 percent very short, 18 short, 69 adequate and 2 surplus. The first cutting of alfalfa was 54 percent complete, while other hay was 29 percent complete. The hay crop condition was rated 16 percent very poor, 21 poor, 32 fair, 28 good and 3 excellent.

## Crop and Pasture Condition North Dakota, Week Ending June 25, 2006

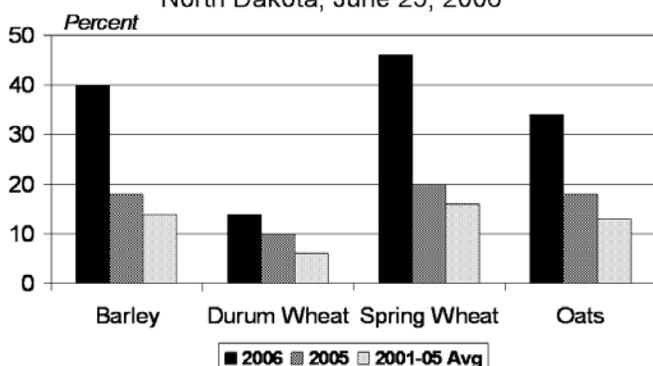
| Crop              | Very Poor | Poor    | Fair    | Good    | Excellent |
|-------------------|-----------|---------|---------|---------|-----------|
|                   | Percent   | Percent | Percent | Percent | Percent   |
| Barley            | 1         | 10      | 21      | 55      | 13        |
| Durum Wheat       | 1         | 5       | 19      | 57      | 18        |
| Spring Wheat      | 2         | 15      | 26      | 48      | 9         |
| Oats              | 3         | 30      | 26      | 36      | 5         |
| Canola            | 1         | 6       | 19      | 57      | 17        |
| Corn              | 0         | 8       | 16      | 60      | 16        |
| Dry Edible Beans  | 0         | 7       | 33      | 53      | 7         |
| Dry Edible Peas   | 1         | 6       | 18      | 63      | 12        |
| Flaxseed          | 1         | 6       | 30      | 54      | 9         |
| Potatoes          | 3         | 14      | 28      | 45      | 10        |
| Soybeans          | 1         | 5       | 13      | 62      | 19        |
| Sugarbeets        | 0         | 4       | 24      | 61      | 11        |
| Sunflower         | 1         | 10      | 27      | 54      | 8         |
| Pasture and Range | 12        | 23      | 30      | 33      | 2         |

## Crop Development Progress North Dakota, Week Ending June 25, 2006<sup>1/2/</sup>

| Crop             | Week Ending   |               |               | 2001-2005 Avg |
|------------------|---------------|---------------|---------------|---------------|
|                  | June 25, 2006 | June 18, 2006 | June 25, 2005 |               |
|                  | Percent       | Percent       | Percent       | Percent       |
| BARLEY           |               |               |               |               |
| Jointed          | 94            | 75            | 81            | 70            |
| Boot             | 70            | 35            | 50            | 36            |
| Headed           | 40            | 14            | 18            | 14            |
| Milk             | 6             | 1             | 2             | 1             |
| DURUM WHEAT      |               |               |               |               |
| Jointed          | 67            | 43            | 61            | 46            |
| Boot             | 30            | 14            | 25            | 17            |
| Headed           | 14            | 6             | 10            | 6             |
| Milk             | 2             | 1             | 0             | 0             |
| SPRING WHEAT     |               |               |               |               |
| Jointed          | 92            | 78            | 82            | 71            |
| Boot             | 72            | 47            | 50            | 40            |
| Headed           | 46            | 18            | 20            | 16            |
| Milk             | 8             | 1             | 2             | 1             |
| OATS             |               |               |               |               |
| Jointed          | 89            | 80            | 81            | 73            |
| Boot             | 71            | 54            | 53            | 41            |
| Headed           | 34            | 18            | 18            | 13            |
| Milk             | 10            | 3             | 1             | 1             |
| CANOLA           |               |               |               |               |
| Rosette          | 94            | 63            | 79            | 73            |
| Blooming         | 45            | 12            | 36            | 24            |
| CORN             |               |               |               |               |
| Silking          | 1             | NA            | 1             | 0             |
| DRY EDIBLE BEANS |               |               |               |               |
| Blooming         | 10            | 2             | 1             | 1             |
| DRY EDIBLE PEAS  |               |               |               |               |
| Flowering        | 54            | 22            | 32            | NA            |
| FLAXSEED         |               |               |               |               |
| Blooming         | 17            | 7             | 14            | 5             |
| POTATOES         |               |               |               |               |
| Blooming         | 33            | 6             | 9             | 4             |
| Rows Filled      | 6             | NA            | 0             | 1             |
| SOYBEANS         |               |               |               |               |
| Blooming         | 4             | 1             | 0             | 0             |
| SUNFLOWER        |               |               |               |               |
| Emerged          | 98            | 91            | 90            | 90            |
| Blooming         | 1             | NA            | 0             | 0             |

<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

Small Grains: Headed and Beyond  
North Dakota, June 25, 2006



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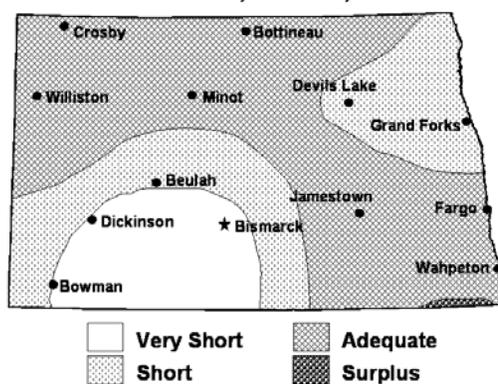
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**NORTH DAKOTA CROP WEATHER REPORT, Week Ending June 25, 2006**

**Soil Moisture Supplies  
 North Dakota, June 25, 2006 with Comparisons**

| Date           | Week Ending   |               |               | 2001-2005 Avg |
|----------------|---------------|---------------|---------------|---------------|
|                | June 25, 2006 | June 18, 2006 | June 25, 2005 |               |
|                | Percent       | Percent       | Percent       | Percent       |
| <b>Topsoil</b> |               |               |               |               |
| Very Short     | 15            | 12            | 0             | 6             |
| Short          | 32            | 26            | 2             | 9             |
| Adequate       | 52            | 60            | 71            | 68            |
| Surplus        | 1             | 2             | 27            | 17            |
| <b>Subsoil</b> |               |               |               |               |
| Very Short     | 13            | 10            | 1             | 5             |
| Short          | 24            | 21            | 7             | 12            |
| Adequate       | 61            | 66            | 65            | 66            |
| Surplus        | 2             | 3             | 27            | 17            |

**Topsoil Moisture Supplies  
 North Dakota, June 25, 2006**



**Weather:** The start of the week brought fairly quiet weather conditions across the state. Temperatures were at or above average for all locations with little to no precipitation. As the week progressed we began to experience thunderstorm development in the afternoons. This began on Friday with tornado reports in a couple of the storms. One of the tornadoes was reported in Rolette County south of Rolla with several reports of a tornado in LaMoure County around the town of Edgeley. Along with the tornado reports there were several reports of hail associated with these storms. Small convective thunderstorms were also prevalent during Saturday and Sunday with much of the precipitation confined to the eastern half of the state. Temperatures again were at or just above average for most locations.

**Outlook, June 26-July 2:** Thunderstorm development for the eastern half of the state is predicted for Monday afternoon. Temperatures for Tuesday will drop to the mid-50s for lows and mid-70s for highs. Beginning on Wednesday, the entire state will be influenced by a high pressure system which will result in sunny skies and temperatures ranging from the upper 80s to low 90s in the southwest to mid-80s throughout the rest of the state. Nightly lows should be in the upper 50s to low 60s. Winds will be from the north northwest early in the week, but will switch to the south by midweek although fairly light winds are expected. There is a chance of precipitation associated with possible thunderstorms developing late in the weekend. Most of the thunderstorm development will be confined to the eastern half of the state.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending June 25, 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)      | 63                  | -1                          | 0.16   | 5.27     | -0.59                       |
| N. Central(2)     | 63                  | -1                          | 0.32   | 3.23     | -2.81                       |
| Northeast (3)     | 64                  | -1                          | 0.25   | 3.28     | -2.76                       |
| W. Central(4)     | 63                  | -2                          | 0.26   | 4.88     | -1.52                       |
| Central (5)       | 65                  | 0                           | 0.21   | 4.67     | -1.44                       |
| E. Central(6)     | 67                  | 0                           | 0.32   | 3.91     | -2.94                       |
| Southwest(7)      | 63                  | -1                          | 0.23   | 6.52     | -0.08                       |
| S. Central(8)     | 67                  | 1                           | 0.21   | 3.28     | -3.01                       |
| Southeast(9)      | 68                  | 1                           | 0.88   | 5.48     | -1.81                       |

<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.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending June 25, 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         | 76                    | 47          | 0.18   | 4.75     | -1.20                       |
| Williston            | 79                    | 51          | 0.15   | 6.83     | 1.88                        |
| Mohall               | 78                    | 47          | 0.13   | 5.13     | -0.82                       |
| Minot                | 79                    | 50          | 0.16   | 4.37     | -2.21                       |
| (2) Baker            | 80                    | 49          | 0.05   | 3.55     | -2.30                       |
| Bottineau            | 79                    | 44          | 0.81   | 3.52     | -2.66                       |
| Rugby                | 80                    | 47          | 0.10   | 2.61     | -3.48                       |
| (3) Cando            | 82                    | 47          | 0.22   | 4.01     | -1.73                       |
| Cavalier             | 84                    | 45          | 0.51   | 3.45     | -2.52                       |
| Forest River         | 83                    | 50          | 0.11   | 2.31     | -3.94                       |
| Grand Forks          | 80                    | 50          | 0.08   | 3.74     | -2.08                       |
| Langdon              | 80                    | 47          | 0.40   | 3.72     | -2.46                       |
| St. Thomas           | 82                    | 49          | 0.20   | 2.43     | -3.82                       |
| (4) Hazen            | 80                    | 45          | 0.23   | 4.39     | -2.38                       |
| Turtle Lake          | 79                    | 49          | 0.44   | 3.13     | -3.35                       |
| Watford City         | 78                    | 49          | 0.10   | 7.13     | 1.18                        |
| (5) Carrington       | 80                    | 50          | 0.21   | 5.73     | -1.42                       |
| Harvey               | 80                    | 50          | 0.54   | 3.86     | -1.28                       |
| Jamestown            | 82                    | 51          | 0.05   | 4.75     | -1.40                       |
| Robinson             | 81                    | 50          | 0.08   | 4.46     | -1.87                       |
| Streeter             | 84                    | 48          | 0.19   | 4.56     | -1.21                       |
| (6) Dazey            | 83                    | 52          | 0.14   | 4.22     | -2.48                       |
| Fargo                | 81                    | 53          | 0.64   | 4.18     | -2.83                       |
| Hillsboro            | 81                    | 52          | 0.19   | 3.34     | -3.51                       |
| (7) Beach            | 77                    | 50          | 0.11   | 7.07     | 0.81                        |
| Bowman               | 81                    | 46          | 0.35   | 7.47     | 0.95                        |
| Dickinson            | 81                    | 45          | 0.09   | 6.27     | -0.65                       |
| Hettinger            | 82                    | 44          | 0.38   | 5.26     | -1.43                       |
| (8) Mandan           | 84                    | 51          | 0.21   | 3.26     | -3.14                       |
| Linton               | 85                    | 51          | 0.21   | 3.30     | -2.89                       |
| (9) Edgeley          | 84                    | 54          | 0.82   | 5.19     | -2.23                       |
| Oakes                | 83                    | 53          | 0.52   | 6.21     | -0.75                       |
| Wyndmere             | 82                    | 55          | 1.29   | 5.04     | -2.45                       |

<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.