

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: July 19, 2010
For Week Ending: July 18, 2010
ND-CW2910

Cooperating With:
NDSU EXTENSION SERVICE,
FARM SERVICE AGENCY,
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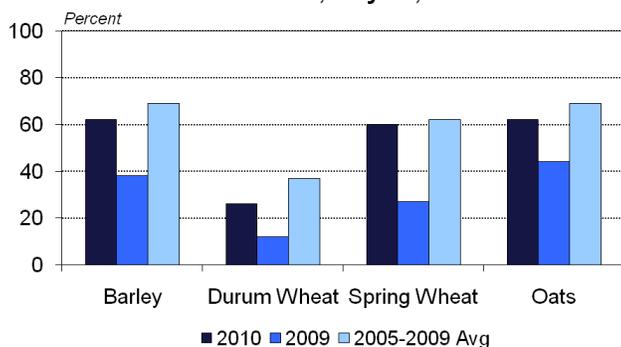
General: Crops continued to develop quickly as warm weather persisted, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Reporters noted hail producing storms in the southern districts, causing damage to some crops and buildings. Topsoil moisture supplies were rated 1 percent very short, 20 short, 71 adequate and 8 surplus compared with the five-year (2005-2009) average of 14 percent very short, 26 short, 54 adequate and 6 surplus. Statewide, on average, there were 6.2 days suitable for fieldwork.

Crops: Although making excellent progress, small grains were generally near to behind average in development. At 60 percent milk, spring wheat had advanced 23 percentage points from last week. Durum wheat was 74 percent headed and 37 percent milk compared with the respective averages of 74 and 26. Barley reached 62 percent milk compared with 69 average and was 30 percent turning compared with 34 average. Oats were 62 percent milk, a 23 percentage point increase from last week. At 15 percent turning, oats were roughly a week behind average. Reporters commented that crop conditions were improved in areas where rainfall was sufficient. Small grain crop condition ratings remained generally good to excellent with the exception of oats which were rated fair to good.

Other crops developed at a pace comparable to the small grains. Corn was 30 percent silking, ahead of 19 average. Dry edible beans and soybeans blooming were ahead of the average at 61 percent and 70 percent, respectively. Dry edible peas were 8 percent mature, about a week behind the average of 27 percent. Flaxseed was 73 percent blooming compared with 67 last year and 84 average. Potatoes were 90 percent blooming, a 25 percentage point increase and about a week ahead of the average. Fifty-three percent of potato rows have been filled compared with 21 percent in 2009 and 39 average. Other crop condition ratings were generally better than average with corn, dry edible peas, potatoes and soybeans rated good to excellent.

Livestock: Reporters commented that favorable weather conditions allowed for significant haying progress to be made. The first cutting of alfalfa was 93 percent complete while the second cutting was 16 percent complete. The cutting of other hay was 64 percent complete compared with 57 last year and 65 average. The hay crop condition was rated 1 percent very poor, 2 poor, 10 fair, 66 good and 21 excellent compared with the average rating of 9 percent very poor, 14 poor, 24 fair, 42 good and 11 excellent. Pasture and range conditions were rated 2 percent poor, 26 fair, 63 good and 9 excellent. Stockwater supplies were rated 1 percent short, 89 adequate, and 10 surplus compared with the average rating of 9 percent very short, 15 short, 70 adequate, and 6 surplus.

Small Grains: Milk and Beyond
North Dakota, July 18, 2010



Crop and Pasture Condition
North Dakota, Week Ending July 18, 2010

| Crop | Very Poor | Poor | Fair | Good | Excellent |
|-------------------|-----------|---------|---------|---------|-----------|
| | Percent | Percent | Percent | Percent | Percent |
| Barley | 1 | 5 | 11 | 69 | 14 |
| Durum Wheat | 1 | 1 | 9 | 56 | 33 |
| Spring Wheat | 1 | 2 | 13 | 69 | 15 |
| Oats | 2 | 2 | 18 | 69 | 9 |
| Canola | 0 | 4 | 14 | 68 | 14 |
| Corn | 1 | 2 | 10 | 66 | 21 |
| Dry Edible Beans | 5 | 6 | 20 | 50 | 19 |
| Dry Edible Peas | 1 | 3 | 13 | 65 | 18 |
| Flaxseed | 1 | 2 | 16 | 76 | 5 |
| Potatoes | 2 | 5 | 15 | 55 | 23 |
| Soybeans | 1 | 1 | 10 | 70 | 18 |
| Sugarbeets | 3 | 4 | 10 | 54 | 29 |
| Sunflower | 1 | 4 | 16 | 71 | 8 |
| Pasture and Range | 0 | 2 | 26 | 63 | 9 |

Crop Development Progress
North Dakota, Week Ending July 18, 2010^{1 2}

| Crop | Week Ending | | | 2005-2009 Avg |
|-------------------------|---------------|---------------|---------------|---------------|
| | July 18, 2010 | July 11, 2010 | July 18, 2009 | |
| | Percent | Percent | Percent | Percent |
| Barley | | | | |
| Boot | 97 | 94 | 96 | 98 |
| Headed | 88 | 81 | 81 | 93 |
| Milk | 62 | 34 | 38 | 69 |
| Turning | 30 | 6 | 3 | 34 |
| Durum Wheat | | | | |
| Jointed | 97 | 85 | 94 | 97 |
| Boot | 90 | 65 | 82 | 89 |
| Headed | 74 | 37 | 58 | 74 |
| Milk | 26 | 6 | 12 | 37 |
| Turning | 2 | 1 | 0 | 10 |
| Spring Wheat | | | | |
| Boot | 99 | 89 | 90 | 98 |
| Headed | 91 | 72 | 75 | 91 |
| Milk | 60 | 37 | 27 | 62 |
| Turning | 23 | 7 | 2 | 24 |
| Oats | | | | |
| Boot | 98 | 94 | 95 | 98 |
| Headed | 90 | 77 | 85 | 93 |
| Milk | 62 | 39 | 44 | 69 |
| Turning | 15 | 3 | 3 | 30 |
| Canola | | | | |
| Turning | 10 | 2 | 1 | 17 |
| Corn, All | | | | |
| Silking | 30 | 9 | 3 | 19 |
| Dry Edible Beans | | | | |
| Blooming | 61 | 32 | 31 | 55 |
| Setting Pods | 10 | 1 | 2 | 17 |
| Dry Edible Peas | | | | |
| Flowering | 98 | 91 | 97 | 99 |
| Mature | 8 | 2 | 3 | 27 |
| Flaxseed | | | | |
| Blooming | 73 | 50 | 67 | 84 |
| Turning | 1 | NA | 0 | 8 |
| Potatoes | | | | |
| Blooming | 90 | 65 | 63 | 75 |
| Rows Filled | 53 | 29 | 21 | 39 |
| Soybeans | | | | |
| Blooming | 70 | 40 | 34 | 61 |
| Setting Pods | 16 | 3 | 5 | 20 |
| Sunflower | | | | |
| Blooming | 1 | 0 | 1 | 6 |

¹ Crop development percents represent all acreage in or beyond each stage.
² Progress is based on current intended acreage. NA = Not Available

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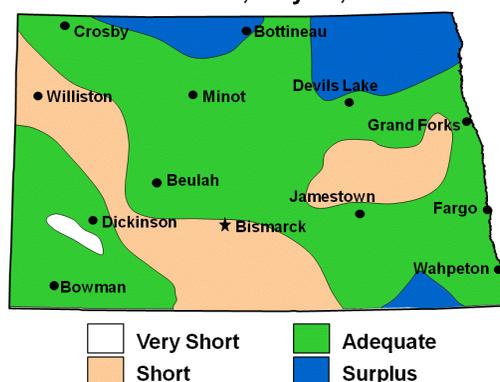
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**Soil Moisture Supplies
 North Dakota, Week Ending July 18, 2010**

| Date | Week Ending | | | 2005-2009 Avg |
|----------------|---------------|---------------|---------------|---------------|
| | July 18, 2010 | July 11, 2010 | July 18, 2009 | |
| | Percent | Percent | Percent | Percent |
| Topsoil | | | | |
| Very Short | 1 | 1 | 0 | 14 |
| Short | 20 | 16 | 12 | 26 |
| Adequate | 71 | 75 | 79 | 54 |
| Surplus | 8 | 8 | 9 | 6 |
| Subsoil | | | | |
| Very Short | 1 | 1 | 1 | 11 |
| Short | 10 | 5 | 10 | 23 |
| Adequate | 80 | 85 | 79 | 60 |
| Surplus | 9 | 9 | 10 | 6 |

**Topsoil Moisture Supplies
 North Dakota, July 18, 2010**



Weather: Temperatures were near to above normal across parts of the south central and southeast and near to below normal across the rest of the state this past week. Precipitation was above normal in parts of the central and southeast and below normal in most other areas. Highs on Monday were in the 70s to mid-80s with showers and thunderstorms in the central and west. A few thunderstorms were severe with large hail and damaging winds reported on Monday. A tornado was also reported in Mountrail County. There were showers and thunderstorms in the southern and eastern areas of the state on Tuesday with highs in the mid-70s to mid-80s. Severe thunderstorms with large hail and damaging winds were reported in the southern region of the state on Tuesday. Highs on Thursday were in the upper 70s to 80s with dry conditions. There were a few showers and thunderstorms in the northwest on Friday with highs in the upper 70s to low 90s. Severe thunderstorms with large hail were reported in the southeast on Saturday. There were showers and thunderstorms in the southwest and north central on Sunday with highs in the upper 70s to mid-80s.

Outlook, July 19-25: Temperatures will be near to above normal this upcoming week. Precipitation will be near normal across much of the state with the best chance for above normal precipitation in the far north. Highs on Monday will be in the upper 70s to low 80s with a chance of showers and thunderstorms across the state. The chance of showers and thunderstorms will continue across the state Tuesday through Thursday with highs in the upper 70s to mid-80s. There will be a chance of showers and thunderstorms in the central and east on Friday with highs in the 80s. Saturday and Sunday will be dry with highs in the 80s to low 90s.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending July 18, 2010**

| District Averages | Average Temperature | | Seasonal Precipitation Beginning April 1 ¹ | | |
|-------------------|---------------------|----------------------------|---|----------|----------------------------|
| | Past Week | Depart Normal ² | Past Week | Total | Depart Normal ² |
| | (Degrees F) | (Degrees F) | (Inches) | (Inches) | (Inches) |
| Northwest(1) | 68 | 0 | 0.07 | 9.31 | 1.31 |
| N. Central(2) | 66 | 0 | 0.39 | 10.03 | 1.53 |
| Northeast(3) | 64 | -4 | 0.81 | 9.88 | 1.53 |
| W. Central(4) | 68 | -1 | 0.35 | 7.86 | -0.58 |
| Central (5) | 67 | -2 | 2.21 | 8.49 | 0.06 |
| E. Central(6) | 67 | -2 | 1.23 | 8.81 | -0.50 |
| Southwest(7) | 71 | 2 | 0.61 | 9.01 | 0.62 |
| S. Central(8) | 70 | 0 | 1.09 | 8.79 | 0.32 |
| Southeast(9) | 72 | 1 | 1.17 | 10.52 | 1.01 |

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending July 18, 2010**

| Stations by District | Temperature Past Week | | Seasonal Precipitation Beginning April 1 ¹ | | |
|----------------------|-----------------------|-------------|---|----------|----------------------------|
| | High | Low | Past Week | Total | Depart Normal ² |
| | (Degrees F) | (Degrees F) | (Inches) | (Inches) | (Inches) |
| (1) Bowbells | 84 | 51 | 0.00 | 9.74 | 1.46 |
| Williston | 90 | 52 | 0.19 | 7.65 | 0.88 |
| Mohall | 84 | 51 | 0.04 | 9.55 | 1.36 |
| Minot | 85 | 54 | 0.05 | 10.30 | 1.52 |
| (2) Baker | 84 | 53 | 0.52 | 9.49 | 1.15 |
| Bottineau | 84 | 47 | 0.04 | 11.24 | 2.66 |
| Rugby | 82 | 51 | 0.60 | 9.37 | 0.77 |
| (3) Cando | 82 | 49 | 0.38 | 7.23 | -0.71 |
| Cavalier | 84 | 44 | 1.31 | 10.58 | 2.08 |
| Forest River | 81 | 47 | 0.84 | 10.57 | 2.07 |
| Grand Forks | 83 | 49 | 0.53 | 10.26 | 2.25 |
| Langdon | 79 | 48 | 0.69 | 10.12 | 1.51 |
| St. Thomas | 80 | 47 | 1.13 | 10.50 | 2.00 |
| (4) Hazen | 88 | 46 | 0.22 | 8.28 | -0.55 |
| Turtle Lake | 86 | 52 | 0.55 | 7.31 | -1.40 |
| Watford City | 90 | 50 | 0.29 | 7.98 | 0.20 |
| (5) Carrington | 83 | 49 | 1.10 | 7.48 | -2.23 |
| Harvey | 84 | 51 | 0.72 | 6.70 | -0.26 |
| Jamestown | 85 | 50 | 3.53 | 11.00 | 2.34 |
| Robinson | 85 | 50 | 0.46 | 5.36 | -3.28 |
| Streeter | 85 | 53 | 5.23 | 11.90 | 3.71 |
| (6) Dazey | 83 | 50 | 1.55 | 10.53 | 1.30 |
| Fargo | 86 | 51 | 1.28 | 9.21 | -0.12 |
| Hillsboro | 87 | 47 | 0.86 | 6.70 | -2.68 |
| (7) Beach | 90 | 51 | 0.05 | 10.84 | 2.95 |
| Bowman | 93 | 51 | 0.31 | 8.83 | 0.52 |
| Dickinson | 91 | 51 | 0.66 | 7.39 | -1.44 |
| Hettinger | 93 | 52 | 1.42 | 8.98 | 0.46 |
| (8) Mandan | 88 | 52 | 0.51 | 8.89 | 0.22 |
| Linton | 88 | 54 | 1.67 | 8.69 | 0.42 |
| (9) Edgeley | 87 | 54 | 1.06 | 9.70 | 0.54 |
| Oakes | 92 | 55 | 1.08 | 10.57 | 1.33 |
| Wyndmere | 92 | 54 | 1.38 | 11.28 | 1.17 |

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

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