

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: June 7, 2010
For Week Ending: June 6, 2010
ND-CW2310

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

General: While weather conditions aided crop development, excess moisture delayed planting progress, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Reporters commented that wet field conditions also hampered spraying progress in some areas. Post emergence spraying for control of broadleaf weeds was 33 percent complete, and spraying for wild oats was 37 percent complete. Topsoil moisture supplies were rated 1 percent short, 80 adequate and 19 surplus. The five-year (2005-2009) average topsoil moisture rating was 3 percent very short, 12 short, 73 adequate and 12 surplus. Statewide, there were an average of 5.3 days suitable for fieldwork.

Crops: Warm temperatures and sufficient moisture levels were ideal for crop development. Emergence of spring and Durum wheat was behind average at 86 percent and 70 percent, respectively. Emergence of barley progressed 14 percentage points to 93 percent compared with 90 average. Oats were 87 percent emerged compared with 92 average. Small grains which had reached the jointing stage were near to behind average except for barley at 21 percent jointed.

Planting was generally winding down for many crops. Dry edible beans were 86 percent planted compared with 81 average. Flaxseed planting progressed 12 percentage points to 85 percent planted. Soybeans were 88 percent planted compared with 90 average. Sunflower were 65 percent planted compared with 80 average. Corn development advanced 12 percentage points to 82 percent emerged. Dry edible beans were 45 percent emerged, ahead of 34 average. Flaxseed was 54 percent emerged, behind 73 average. Potato development advanced 25 percentage points to 64 percent emerged, ahead of 46 average. Soybeans were 53 percent emerged compared with 60 average. Sunflower were 19 percent emerged, behind 35 average.

Livestock: Pasture and range conditions were rated 1 percent poor, 18 fair, 67 good and 14 excellent, compared with last year's rating of 2 percent very poor, 7 poor, 34 fair, 52 good and 5 excellent. First cuttings of alfalfa and other hay were 4 percent and 1 percent complete, respectively. Hay conditions were rated 1 percent poor, 10 fair, 73 good and 16 excellent. Stockwater supplies were rated 1 percent short, 89 adequate and 10 surplus.

Planting: Percent Completed by District North Dakota, Week Ending June 6, 2010

| Crop | NW | NC | NE | WC | C | EC | SW | SC | SE |
|------------------|-----------------|----|----|-----|-----|-----|-----|-----|-----|
| | --- Percent --- | | | | | | | | |
| Durum Wheat | 88 | 92 | NA | 97 | NA | NA | 97 | NA | NA |
| Spring Wheat | 86 | 97 | 98 | 96 | 100 | 100 | 98 | 98 | 100 |
| Oats | 96 | 99 | NA | 95 | 100 | NA | 96 | 100 | NA |
| Canola | 100 | 96 | 96 | 100 | 100 | NA | 100 | NA | NA |
| Corn | NA | 99 | 99 | 89 | 100 | 100 | NA | 97 | 96 |
| Dry Edible Beans | NA | 82 | 89 | 81 | 85 | 81 | NA | NA | 83 |
| Flaxseed | 78 | 90 | 97 | 88 | 99 | NA | NA | NA | NA |
| Soybeans | 73 | 89 | 89 | NA | 81 | 92 | NA | 82 | 87 |
| Sunflower | NA | 75 | 68 | 68 | 78 | 85 | NA | NA | 55 |

NA = Not Available.

Crop Development Progress North Dakota, Week Ending June 6, 2010^{1 2}

| Crop | Week Ending | | | 2005-2009 Avg |
|-------------------------|--------------|--------------|--------------|---------------|
| | June 6, 2010 | May 30, 2010 | June 6, 2009 | |
| | Percent | Percent | Percent | Percent |
| Barley | | | | |
| Emerged | 93 | 79 | 66 | 90 |
| Jointed | 21 | 4 | 1 | 19 |
| Boot | 1 | NA | 0 | 2 |
| Durum Wheat | | | | |
| Planted | 91 | 80 | 94 | 96 |
| Emerged | 70 | 62 | 70 | 83 |
| Jointed | 5 | 0 | 0 | 8 |
| Boot | 0 | NA | 0 | 1 |
| Spring Wheat | | | | |
| Planted | 97 | 94 | 92 | 98 |
| Emerged | 86 | 79 | 72 | 92 |
| Jointed | 21 | 8 | 2 | 22 |
| Boot | 1 | NA | 0 | 2 |
| Oats | | | | |
| Planted | 98 | 92 | 97 | 99 |
| Emerged | 87 | 72 | 79 | 92 |
| Jointed | 18 | 2 | 3 | 24 |
| Boot | 0 | 0 | 0 | 3 |
| Canola | | | | |
| Planted | 96 | 93 | 85 | 96 |
| Emerged | 77 | 72 | 47 | 81 |
| Rosette | 8 | 1 | 0 | 12 |
| Corn, All | | | | |
| Planted | 97 | 94 | 94 | 98 |
| Emerged | 82 | 70 | 61 | 85 |
| Dry Edible Beans | | | | |
| Planted | 86 | 67 | 62 | 81 |
| Emerged | 45 | 13 | 10 | 34 |
| Dry Edible Peas | | | | |
| Emerged | 96 | 94 | 90 | 96 |
| Flowering | 3 | 2 | 3 | 2 |
| Flaxseed | | | | |
| Planted | 85 | 73 | 84 | 94 |
| Emerged | 54 | 34 | 49 | 73 |
| Potatoes | | | | |
| Planted | 100 | 98 | 77 | 91 |
| Emerged | 64 | 39 | 17 | 46 |
| Soybeans | | | | |
| Planted | 88 | 69 | 79 | 90 |
| Emerged | 53 | 24 | 33 | 60 |
| Sunflower | | | | |
| Planted | 65 | 42 | 64 | 80 |
| Emerged | 19 | 5 | 14 | 35 |

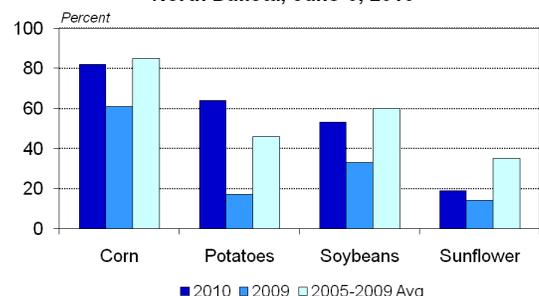
¹ Crop development percents represent all acreage in or beyond each stage.

² Progress is based on current intended acreage. NA = Not Available

Crop and Pasture Condition North Dakota, Week Ending June 6, 2010

| Crop | Very Poor | Poor | Fair | Good | Excellent |
|-------------------|-----------|---------|---------|---------|-----------|
| | Percent | Percent | Percent | Percent | Percent |
| Barley | 0 | 0 | 10 | 81 | 9 |
| Durum Wheat | 0 | 0 | 15 | 82 | 3 |
| Spring Wheat | 0 | 1 | 11 | 76 | 12 |
| Oats | 0 | 0 | 11 | 78 | 11 |
| Canola | 0 | 1 | 13 | 79 | 7 |
| Corn | 0 | 1 | 10 | 79 | 10 |
| Dry Edible Beans | 1 | 1 | 10 | 76 | 12 |
| Dry Edible Peas | 0 | 0 | 11 | 85 | 4 |
| Flaxseed | 0 | 0 | 16 | 80 | 4 |
| Potatoes | 2 | 2 | 12 | 67 | 17 |
| Soybeans | 0 | 1 | 7 | 77 | 15 |
| Sugarbeets | 3 | 4 | 10 | 68 | 15 |
| Pasture and Range | 0 | 1 | 18 | 67 | 14 |

Crops: Emerged North Dakota, June 6, 2010



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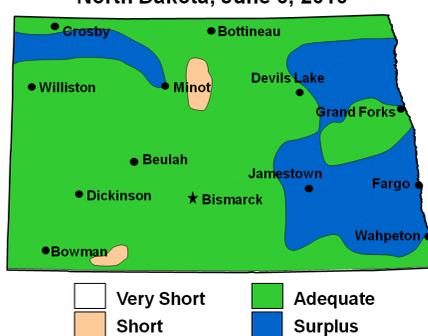
NORTH DAKOTA CROP WEATHER REPORT, Week Ending June 6, 2010

Soil Moisture Supplies

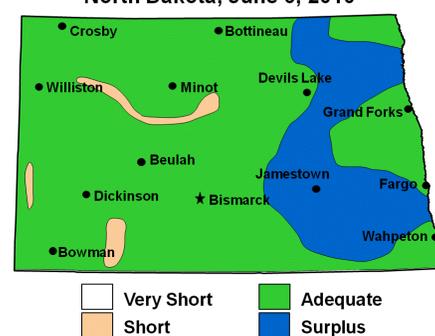
North Dakota, Week Ending June 6, 2010

| Date | Week Ending | | | 2005-2009 Avg |
|----------------|--------------|--------------|--------------|---------------|
| | June 6, 2010 | May 30, 2010 | June 6, 2009 | |
| | Percent | Percent | Percent | Percent |
| Topsoil | | | | |
| Very Short | 0 | 0 | 0 | 3 |
| Short | 1 | 1 | 7 | 12 |
| Adequate | 80 | 77 | 74 | 73 |
| Surplus | 19 | 22 | 19 | 12 |
| Subsoil | | | | |
| Very Short | 0 | 0 | 1 | 6 |
| Short | 2 | 2 | 6 | 17 |
| Adequate | 80 | 78 | 72 | 66 |
| Surplus | 18 | 20 | 21 | 11 |

Topsoil Moisture Supplies North Dakota, June 6, 2010



Subsoil Moisture Supplies North Dakota, June 6, 2010



Weather: Temperatures were below normal across much of the state this past week. Precipitation was near to above normal in the far north and parts of the south central and below normal elsewhere. Monday started off with showers and thunderstorms in the northwest, north central and east with highs in the upper 60s to 70s. There were showers and thunderstorms in the southwest on Wednesday with highs in the mid-60s to low 70s. There were a few showers and thunderstorms in the south central and southwest on Friday with highs in the 70s to low 80s. Highs on Saturday were in the 70s to low 80s with scattered showers and thunderstorms across the state. There were a few severe thunderstorms with large hail in parts of the east on Saturday. Highs on Sunday were in the mid-60s to 70s with scattered showers and thunderstorms in the east.

Outlook, June 7-13: Temperatures will be near to below normal across the state this week. Precipitation will be near to above normal in most areas. Highs on Monday will be in the upper 60s to mid-70s with a chance of showers and thunderstorms in the south central and southeast and a chance of showers elsewhere. Highs on Tuesday will be in the upper 60s to mid-70s with a chance of showers and thunderstorms in the west and south and a chance of showers elsewhere. There will be a chance of showers and thunderstorms in the southwest on Wednesday with highs in the upper 60s to 70s. The chance of showers and thunderstorms will continue in the east on Friday with a chance of showers elsewhere. There will be a chance of showers and thunderstorms across the state on Saturday with highs in the 60s and 70s. Highs on Sunday will be in the mid-60s to mid-70s with a chance of showers statewide.

Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending June 6, 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) | 57 | -2 | 0.43 | 5.17 | 1.16 |
| N. Central(2) | 57 | -3 | 0.60 | 5.13 | 1.09 |
| Northeast(3) | 56 | -5 | 0.64 | 5.92 | 1.93 |
| W. Central(4) | 58 | -3 | 0.25 | 4.39 | 0.06 |
| Central(5) | 58 | -3 | 0.27 | 3.89 | -0.17 |
| E. Central(6) | 61 | -1 | 0.18 | 5.25 | 0.60 |
| Southwest(7) | 58 | -1 | 0.15 | 4.16 | -0.50 |
| S. Central(8) | 59 | -2 | 0.09 | 4.84 | 0.43 |
| Southeast(9) | 61 | -1 | 0.28 | 6.14 | 0.98 |

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.

Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending June 6, 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 | 72 | 40 | 0.53 | 4.79 | 0.73 |
| Williston | 72 | 44 | 0.36 | 5.69 | 2.26 |
| Mohall | 73 | 40 | 0.33 | 5.03 | 1.00 |
| Minot | 73 | 43 | 0.49 | 5.19 | 0.66 |
| (2) Baker | 73 | 46 | 0.82 | 5.22 | 1.27 |
| Bottineau | 72 | 39 | 0.39 | 5.68 | 1.64 |
| Rugby | 73 | 40 | 0.58 | 4.50 | 0.37 |
| (3) Cando | 73 | 41 | 0.68 | 3.81 | 0.02 |
| Cavalier | 73 | 37 | 0.35 | 5.82 | 1.89 |
| Forest River | 71 | 43 | 0.60 | 6.46 | 2.33 |
| Grand Forks | 74 | 44 | 0.66 | 6.26 | 2.35 |
| Langdon | 70 | 40 | 0.70 | 6.34 | 2.31 |
| St. Thomas | 71 | 43 | 0.82 | 6.84 | 2.71 |
| (4) Hazen | 76 | 39 | 0.21 | 4.19 | -0.42 |
| Turtle Lake | 73 | 44 | 0.31 | 4.35 | 0.03 |
| Watford City | 72 | 46 | 0.22 | 4.62 | 0.56 |
| (5) Carrington | 74 | 41 | 0.25 | 3.06 | -1.63 |
| Harvey | 74 | 42 | 0.73 | 3.98 | 0.65 |
| Jamestown | 74 | 45 | 0.07 | 4.61 | 0.42 |
| Robinson | 74 | 43 | 0.19 | 3.24 | -1.07 |
| Streeter | 73 | 43 | 0.11 | 4.57 | 0.76 |
| (6) Dazey | 75 | 45 | 0.04 | 7.21 | 2.62 |
| Fargo | 79 | 42 | 0.39 | 4.39 | -0.34 |
| Hillsboro | 80 | 46 | 0.11 | 4.14 | -0.48 |
| (7) Beach | 72 | 46 | 0.16 | 4.48 | -0.09 |
| Bowman | 73 | 43 | 0.13 | 4.18 | -0.33 |
| Dickinson | 72 | 43 | 0.25 | 3.50 | -1.25 |
| Hettinger | 75 | 43 | 0.06 | 4.47 | -0.32 |
| (8) Mandan | 76 | 41 | 0.10 | 4.78 | 0.25 |
| Linton | 74 | 45 | 0.08 | 4.91 | 0.62 |
| (9) Edgeley | 75 | 46 | 0.17 | 6.67 | 1.36 |
| Oakes | 76 | 45 | 0.19 | 5.71 | 0.84 |
| Wyndmere | 78 | 47 | 0.48 | 6.03 | 0.75 |

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.