

# NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: April 26, 2010  
For Week Ending: April 25, 2010  
ND-CWI710

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

**General:** Seeding became more general across the state as field conditions improved, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Warm, dry conditions for the majority of the week were ideal for fieldwork, which enabled producers to make significant progress seeding. Other farm activities included calving, lambing, applying fertilizer and harvesting corn. Statewide, on average, there were 6.0 days suitable for fieldwork. Topsoil moisture supplies were rated 9 percent short, 80 adequate and 11 surplus, compared with the five-year (2005-2009) average of 7 percent very short, 17 short, 62 adequate, and 14 surplus.

**Crops:** Spring wheat planted, at 25 percent, was ahead of the average by 8 percentage points. Durum wheat planted was 3 percent complete, compared with the average of 9 percent. Barley seedings progressed 12 percentage points from last week to 14 percent complete. Oats were 11 percent planted, compared with the average of 17 percent. Canola was 3 percent seeded, behind 6 percent average. Corn seeding was 28 percent planted, over one week ahead of the average. Soybeans were 2 percent planted, compared with none planted both last year and average. Dry edible peas advanced 15 percentage points from last week to 16 percent planted. Sugarbeets, at 85 percent planted, were up 64 percentage points from last week's revised estimate of 21 percent. Potatoes were 40 percent planted, ahead of both last year and the average. The previous year's corn harvested for grain progressed 3 percentage points to 94 percent complete.

**Livestock:** Reporters noted that livestock conditions were good overall. Calving and lambing were 85 and 89 percent complete, respectively. Shearing gained 6 percentage points, reaching 94 percent completion.

Hay and forage supplies were rated 1 percent very short, 8 short, 86 adequate and 5 surplus, compared with last year's rating of 23 percent very short, 38 short, 38 adequate and 1 surplus. Grain and concentrate supplies were rated 4 percent short, 88 adequate and 8 surplus. Pastures and ranges were 67 percent growing across the state, compared with 36 percent last year. Pasture and range conditions were rated 4 percent very poor, 7 poor, 34 fair, 51 good, 4 excellent.

**Soil Temperatures:** On April 25, average soil temperatures ranged from a low of 45 degrees F in Bowman to a high of 58 degrees F in Cavalier. Last year on April 26, average soil temperatures ranged from 37 degrees F to 46 degrees. These readings reflect daily average temperatures under 4 inches of bare soil recorded by the North Dakota Agricultural Weather Network (NDAWN).

**Planting: Percent Completed  
North Dakota, Week Ending April 25, 2010<sup>1</sup>**

Crop	Week Ending			2005-2009 Avg
	April 25, 2010	April 18, 2010	April 25, 2009	
	Percent	Percent	Percent	Percent
<b>SMALL GRAINS</b>				
Barley	14	2	1	13
Durum Wheat	3	0	1	9
Spring Wheat	25	5	1	17
Oats	11	1	2	17
<b>OTHER CROPS</b>				
Canola	3	0	0	6
Corn, All	28	0	0	5
Dry Edible Beans	3	NA	0	0
Dry Edible Peas	16	1	2	15
Flaxseed	1	NA	0	3
Potatoes	40	NA	0	3
Soybeans	2	NA	0	0
Sugarbeets <sup>2</sup>	85	21	3	17

<sup>1</sup> Progress is based on current intended acreage. NA = Not Available  
<sup>2</sup> April 18, 2010 percent planted revised.

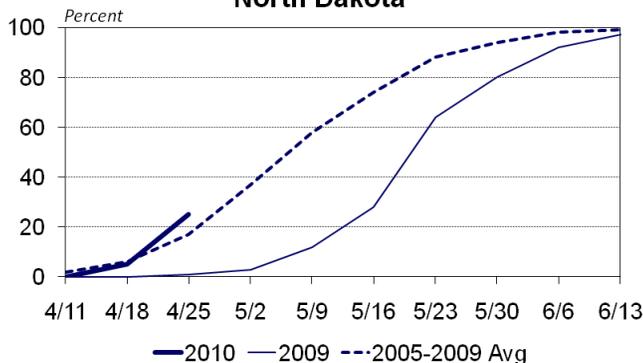
**Average Soil Temperatures\*, April 25, 2010**

Station	Temperature Degrees F	Station	Temperature Degrees F
<b>NORTHWEST</b>			
Bowbells	48	Carrington	57
Minot	56	Robinson	50
Williston	50	Streeter	51
<b>NORTH CENTRAL</b>			
Baker	53	Dazey	53
Bottineau	49	Fargo	52
Rolla	55	<b>SOUTHWEST</b>	
<b>NORTHEAST</b>			
Cavalier	58	Bowman	45
Grand Forks	55	Dickinson	48
Langdon	51	<b>SOUTH CENTRAL</b>	
<b>WEST CENTRAL</b>			
Turtle Lake	51	Linton	52
Watford City	49	<b>SOUTHEAST</b>	
		Oakes	52
		Wyndmere	53

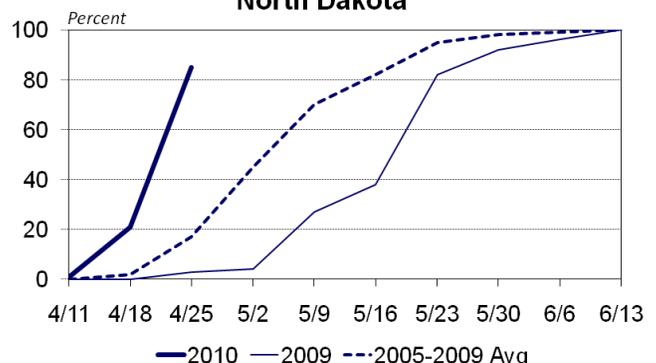
\*Thermometers located 4 inches under bare soil.  
Source: NDAWN, Department of Soil Science, NDSU.



**Spring Wheat: Planted  
North Dakota**



**Sugarbeets: Planted  
North Dakota**



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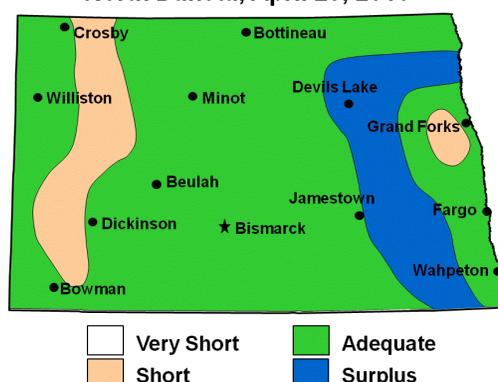
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**Soil Moisture Supplies  
 North Dakota, Week Ending April 25, 2010**

Date	Week Ending			2005-2009 Avg
	April 25, 2010	April 18, 2010	April 25, 2009	
	Percent	Percent	Percent	Percent
<b>Topsoil</b>				
Very Short	0	0	0	7
Short	9	5	1	17
Adequate	80	79	59	62
Surplus	11	16	40	14
<b>Subsoil</b>				
Very Short	0	0	1	11
Short	4	4	5	21
Adequate	83	80	60	57
Surplus	13	16	34	11

**Topsoil Moisture Supplies  
 North Dakota, April 25, 2010**



**Weather:** Temperatures were above normal across the state this past week. Precipitation was near to above normal in parts of the southwest, south central and southeast areas of the state with below normal precipitation elsewhere. Monday and Tuesday were dry with highs in the mid-60s to mid-70s. Highs on Wednesday were in the 60s to low 70s with dry conditions. Dry conditions continued on Thursday with highs in the mid-60s to low 70s. Highs on Friday were in the upper 50s to 70s with showers in parts of the west, southwest and south central. There were a few showers in the west and southeast on Saturday with highs in the 60s. Highs on Sunday were in the upper 40s to low 60s with rain showers across much of the state and mainly dry conditions in the east.

**Outlook, April 26-May 2:** Temperatures will be near to below normal in the west and near to above normal in the central and east this upcoming week. Precipitation is expected to be near to above normal in most areas. The best chance for significant precipitation will occur mid-to-late in the week. Highs on Monday will be in the 40s to low 60s with a chance of rain and snow in the west and a chance of rain in the central area of the state. Tuesday will be dry with highs in the 60s. There will be a chance of showers and thunderstorms in the central and west on Wednesday with highs in the mid-60s to low 70s. Highs on Thursday will be in the 50s to low 60s with a chance of showers statewide and a chance of showers and thunderstorms in the south central and southeast. The chance of showers will continue across much of the state on Friday and Saturday with highs in the 50s to mid-60s. Highs on Sunday will be in the mid-50s to mid-60s with a chance of showers in the east.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending April 25, 2010**

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	72	30	0.01	0.30	-0.75
Williston	73	36	0.31	0.56	-0.33
Mohall	73	26	0.08	0.69	-0.36
Minot	73	33	0.30	0.96	-0.37
(2) Baker	73	32	0.04	0.35	-0.74
Bottineau	75	23	0.15	0.97	-0.06
Rugby	74	32	0.07	0.74	-0.34
(3) Cando	71	32	0.02	0.51	-0.22
Cavalier	75	32	0.00	0.33	-0.58
Forest River	74	33	0.00	0.29	-0.65
Grand Forks	75	31	0.00	0.31	-0.67
Langdon	72	30	0.01	0.15	-0.65
St. Thomas	74	34	0.00	0.31	-0.63
(4) Hazen	71	29	0.08	0.58	-0.91
Turtle Lake	71	35	0.35	1.11	-0.13
Watford City	71	36	0.18	0.36	-0.75
(5) Carrington	72	31	0.02	0.09	-1.11
Harvey	74	33	0.00	0.45	-0.18
Jamestown	71	32	0.00	0.02	-1.16
Robinson	70	35	0.23	0.37	-0.77
Streeter	68	37	0.17	0.21	-0.86
(6) Dazey	71	34	0.00	0.30	-0.81
Fargo	74	34	0.12	0.55	-0.61
Hillsboro	75	32	0.14	0.44	-0.90
(7) Beach	69	35	0.51	0.56	-0.74
Bowman	66	34	0.31	0.43	-0.65
Dickinson	70	36	0.14	0.39	-1.12
Hettinger	67	31	0.10	0.66	-0.65
(8) Mandan	71	36	0.52	1.15	-0.12
Linton	69	36	0.46	0.92	-0.22
(9) Edgeley	71	34	0.33	0.37	-1.02
Oakes	72	38	0.59	0.64	-0.85
Wyndmere	72	39	0.22	2.46	0.95

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending April 25, 2010**

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)	52	7	0.18	0.63	-0.45
N. Central(2)	51	7	0.09	0.69	-0.38
Northeast(3)	52	7	0.01	0.32	-0.57
W. Central(4)	52	5	0.20	0.68	-0.60
Central (5)	52	6	0.08	0.23	-0.82
E. Central(6)	53	7	0.09	0.43	-0.77
Southwest(7)	51	5	0.27	0.51	-0.79
S. Central(8)	53	6	0.49	1.04	-0.17
Southeast(9)	54	8	0.38	1.16	-0.31

<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.

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