

# NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



North Dakota  
Agricultural  
Statistics Service

Released: April 25, 2005  
For Week Ending: April 24, 2005  
ND-CW1705

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

**General:** Producers made excellent progress planting last week due to the warm, dry conditions, according to the North Dakota Agricultural Statistics Service. Fieldwork was reported across the entire state as the north central and northeast districts have begun to dry out. Topsoil moisture supplies were rated 7 percent very short, 26 short, 64 adequate and 3 surplus. This compared with the five-year (2000-2004) average of 4 percent very short, 16 short, 69 adequate and 11 surplus. Statewide, on average, there were 6.3 days suitable for fieldwork.

**Crops:** Excellent progress was made seeding small grains, which was well ahead of the five-year average. Hard red spring wheat was 29 percent seeded, about a week ahead of average, and 3 percent emerged. This compared with 30 percent last year and 17 percent average, while 5 percent was emerged last year and 2 percent on average. Durum wheat was 15 percent seeded compared with 6 percent on average. Barley was 22 percent seeded and oats was 28 percent seeded.

Producers showed the most seeding progress on sugarbeets with 34 percent seeded compared with the average of 19 percent. All other crop plantings, except potatoes, were ahead of average. Corn was 11 percent planted compared with 7 percent average. Dry peas were 21 percent seeded.

**Livestock:** Calving and lambing season continued, slightly ahead of the five-year average. Calving was 84 percent complete and lambing was 89 percent complete compared with 83 and 88 percent on average, respectively. Shearing was 94 percent complete.

Hay and forage supplies were rated 5 percent very short, 17 short, 73 adequate and 5 surplus. Grain and concentrate supplies were 3 percent very short, 9 short, 80 adequate and 8 surplus. Pastures were rated 68 percent growing compared to 54 percent last year. Pasture and range conditions were rated 7 percent very poor, 21 poor, 43 fair, 27 good and 2 excellent.

## Crop Development Progress <sup>1/</sup> April 24, 2005 with Comparisons

Crop	Week Ending			2000-2004 Avg.
	April 24, 2005	April 17, 2005	April 24, 2004	
(Percent)				
BARLEY				
Planted	22	6	21	10
Emerged	1	NA	2	1
DURUM WHEAT				
Planted	15	6	16	6
Emerged	2	NA	3	1
HRS WHEAT				
Planted	29	11	30	17
Emerged	3	NA	5	2
OATS				
Planted	28	9	25	12
Emerged	1	NA	2	1
CANOLA				
Planted	13	4	13	6
CORN, ALL				
Planted	11	0	15	7
DRY EDIBLE BEANS				
Planted	0	NA	0	0
DRY EDIBLE PEAS				
Planted	21	5	NA	NA
FLAXSEED				
Planted	5	NA	5	2
POTATOES				
Planted	4	NA	5	5
SOYBEANS				
Planted	0	NA	1	0
SUGARBEETS				
Planted	34	1	34	19

<sup>1/</sup> Crop development percents represent all acreage in or beyond each stage.  
NA = Not Available

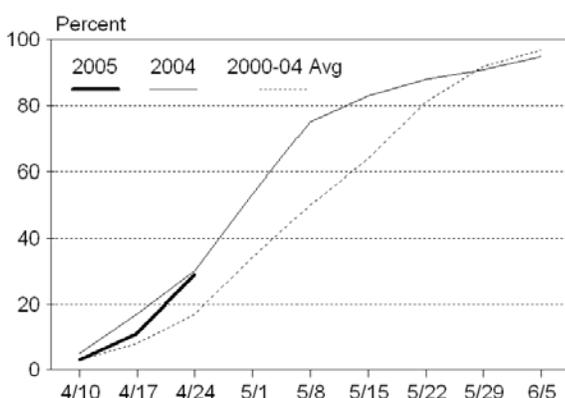
**Soil Temperatures:** Average soil temperatures on April 24 ranged from a low of 44 degrees F in Langdon to a high of 56 in Watford City. These readings reflect daily average temperatures under 4 inches of bare soil recorded by the North Dakota Agricultural Weather Network (NDAWN).

## Average Soil Temperatures\*, April 24, 2005

Station	Temperature	Station	Temperature
	Degrees F		Degrees F
NORTHWEST		CENTRAL	
Bowbells	50	Carrington	52
Minot	54	Robinson	46
Williston	55	Streeter	48
NORTH CENTRAL		EAST CENTRAL	
Baker	51	Dazey	50
Bottineau	46	Fargo	46
Rolla	49	SOUTHWEST	
NORTHEAST		Bowman	51
Cavalier	50	Dickinson	53
Grand Forks	51	SOUTH CENTRAL	
Langdon	44	Linton	52
WEST CENTRAL		SOUTHEAST	
Turtle Lake	55	Oakes	50
Watford City	56	Wyndmere	46

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

## Hard Red Spring Wheat: Planting Progress North Dakota



~ Compiled and Published by ~

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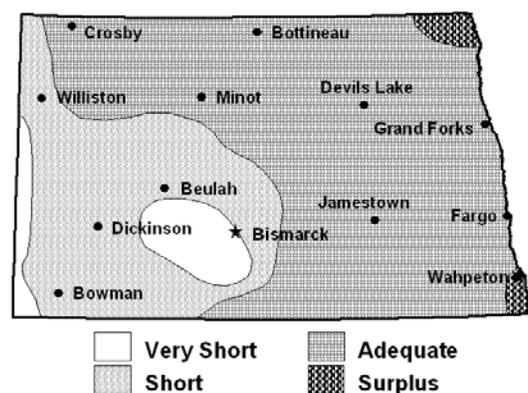
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**NORTH DAKOTA CROP WEATHER REPORT, Week Ending April 24, 2005**

**Soil Moisture: North Dakota**

Date	Week Ending			2000-2004 Avg.
	April 24, 2005	April 17, 2005	April 24, 2004	
(Percent)				
<b>TOPSOIL</b>				
Very Short	7	7	8	4
Short	26	21	22	16
Adequate	64	67	64	69
Surplus	3	5	6	11
<b>SUBSOIL</b>				
Very Short	13	11	11	7
Short	23	24	29	20
Adequate	60	60	57	65
Surplus	4	5	3	8

**Topsoil Moisture Supplies  
 April 24, 2005**



**Weather:** Temperatures continued above average for the third week of April. Precipitation was below average for most of the state. Near record temperatures were reported across the eastern third of the state. A cold front bringing scattered showers and some thunderstorms moved across the state late on Monday and into Tuesday. The heaviest rain was reported in the southwestern and south central areas. The week remained mostly dry with only widely scattered showers across the state on Tuesday and Wednesday. Highs were mostly in the 50s and 60s on Tuesday and Wednesday. Temperatures warmed briefly again on Thursday to above seasonal averages. Another cold front brought cooler temperatures for the end of the week and into the weekend. Highs ranged from the upper 40s in the northeast to the mid-50s in the southwest. Low temperatures dipped below freezing in most areas for the week's end, with lows mostly in the 20s to near 30. Temperatures slowly warmed to slightly above seasonal levels by the end of the weekend.

**Outlook, April 25-May 1:** An end to the above average temperatures the state has been enjoying for the entire month looks likely for the last week of April. There will also be a daily chance of showers across the state for the majority of the workweek. Rain may mix with snow in some of the northern areas on Wednesday and Thursday. High temps will be in the 40s to mid-50s on Monday and Tuesday, with low temperatures in the 30s. A frontal boundary will move across the state late on Tuesday and bring even cooler temperatures for the middle and end of the week. High temperatures for the period of Wednesday through Friday will be mostly in the 40s, with low temperatures ranging from the mid-20s to low 30s. Temperatures will warm only slightly for the weekend, with highs in the upper 40s to mid-50s and low temperatures in the upper 20s to upper 30s.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending April 24, 2005**

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1		
	Past Week	Depart Normal <sup>1/</sup>	Past Week	Total	Depart Normal <sup>1/</sup>
		(Degrees F)		(Inches)	
Northwest (1)	50	5	0.00	0.20	-0.94
N. Central (2)	49	4	0.01	0.34	-0.87
Northeast (3)	51	5	0.15	0.80	-0.26
W. Central (4)	48	1	0.01	0.30	-1.06
Central (5)	52	6	0.00	0.43	-0.90
E. Central (6)	54	7	0.00	0.52	-0.96
Southwest (7)	49	2	0.44	0.62	-0.65
S. Central (8)	53	5	0.03	0.84	-0.56
Southeast (9)	54	6	0.00	0.64	-0.83

<sup>1/</sup> Normal is the 1961-90 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 April 24, 2005**

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1		
	High	Low	Past Week	Total	Depart Normal <sup>1/</sup>
		(Degrees F)		(Inches)	
(1) Bowbells	70	26	0.00	0.15	-0.87
Williston	73	31	0.00	0.00	-1.05
Mohall	71	28	0.00	0.38	-0.70
Minot	73	24	0.00	0.25	-1.12
(2) Baker	75	26	0.00	0.50	-0.94
Bottineau	74	21	0.00	0.18	-0.80
Rugby	76	22	0.02	0.34	-0.86
(3) Cando	74	22	0.35	0.74	-0.14
Cavalier	74	24	0.11	0.94	-0.09
Forest River	81	26	0.00	0.87	-0.34
Grand Forks	84	25	0.00	0.34	-0.80
Langdon	71	25	0.39	1.15	0.30
St. Thomas	74	29	0.02	0.73	-0.48
(4) Hazen	75	18	0.02	0.58	-0.94
Turtle Lake	73	22	0.00	0.31	-1.12
Watford City	70	30	0.00	0.00	-1.12
(5) Carrington	86	19	0.00	0.53	-0.75
Harvey	78	19	0.01	0.35	-0.75
Jamestown	87	23	0.00	0.41	-0.93
Robinson	83	23	0.00	0.35	-0.98
Streeter	83	22	0.00	0.50	-1.07
(6) Dazey	87	23	0.00	0.36	-0.96
Fargo	85	23	0.00	0.75	-0.81
Hillsboro	87	23	0.00	0.45	-1.12
(7) Beach	69	26	0.62	0.73	-0.40
Bowman	72	25	0.44	0.44	-0.67
Dickinson	74	29	0.55	0.63	-0.77
Hettinger	75	22	0.16	0.66	-0.75
(8) Mandan	80	24	0.04	1.05	-0.18
Linton	82	25	0.01	0.62	-0.95
(9) Edgeley	86	24	0.00	0.68	-0.89
Oakes	84	23	0.00	0.55	-1.09
Wyndmere	84	23	0.00	0.68	-0.52

<sup>1/</sup> Normal is the 1961-90 average. NA=Not Available. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.