

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: April 16, 2007
For Week Ending: April 15, 2007
ND-CW1606

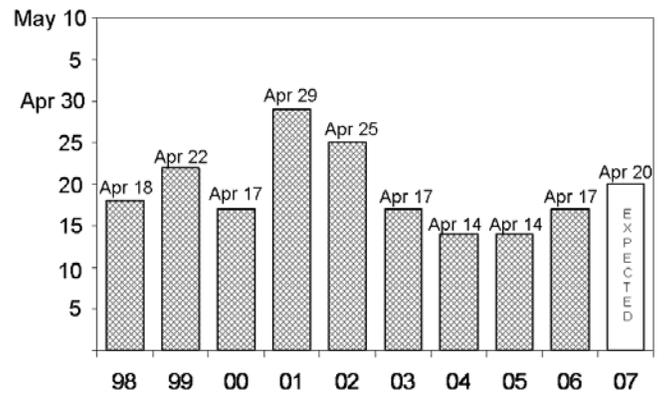
General: Cool temperatures and snowfall continued to delay spring fieldwork, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. The dry weather and warm temperatures that prevailed towards the end of last week may allow some producers to plant this week. Topsoil moisture supplies were rated 1 percent very short, 12 short, 80 adequate and 7 surplus, compared with the five-year (2002-2006) average of 7 percent very short, 21 short, 65 adequate and 7 surplus. Areas where moisture was received last week created poor conditions for field and township roads.

Crops: Less than one-half of one percent of all spring wheat has been planted. Spring wheat planting continues to lag behind both last year and average. The statewide average starting date for fieldwork was April 20, unchanged from the previous week. The expected starting dates ranged from April 11 in the southwest district to April 25 in the northeast district. The record latest statewide starting date was May 13, 1979.

Livestock: Areas with snowfall last week created some difficulties for livestock producers. Calving and lambing were 71 and 80 percent complete, respectively, both behind last year and average. Shearing moved ahead five percentage points to 89 percent complete.

Hay and forage supplies were rated 8 percent very short, 15 short, 73 adequate and 4 surplus, compared with the average of 3 percent very short, 12 short, 79 adequate and 6 surplus. Grain and concentrate supplies were rated 3 percent very short, 11 short, 80 adequate and 6 surplus. Warmer weather for the second time this year helped to break dormancy of pastures and ranges. They were rated 24 percent growing, compared with 15 percent growing the previous week. Pasture and ranges were rated 12 percent very poor, 23 poor, 40 fair, 23 good and 2 excellent.

**Average Start Date for Fieldwork
North Dakota, 1998-2007**



**Planting: Percent Completed
North Dakota, Week Ending April 15, 2007^{1/}**

Crop	Week Ending			2002-2006 Avg
	April 15, 2007	April 8, 2007	April 15, 2006	
	Percent	Percent	Percent	Percent
SMALL GRAINS				
Barley	0	0	2	3
Durum Wheat	0	0	2	3
Spring Wheat	0	0	3	7
Oats	0	0	3	4
OTHER CROPS				
Canola	0	0	1	2
Dry Edible Peas	0	0	2	NA
Sugarbeets	0	0	0	4

^{1/} Progress is based on current intended acreage. NA = Not Available

Soil Temperatures: Average soil temperatures on April 15, ranged from a low of 34 degrees F in Oakes to a high of 50 in Williston. 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 15, 2007

Station	Temperature	Station	Temperature
	Degrees F		Degrees F
NORTHWEST		CENTRAL	
Bowbells	41	Carrington	43
Minot	44	Robinson	38
Williston	50	Streeter	38
NORTH CENTRAL		EAST CENTRAL	
Baker	40	Dazey	40
Bottineau	40	Fargo	40
Rolla	40	SOUTHWEST	
NORTHEAST		Bowman	45
Cavalier	44	Dickinson	42
Grand Forks	42	SOUTH CENTRAL	
Langdon	40	Linton	44
WEST CENTRAL		SOUTHEAST	
Turtle Lake	46	Oakes	34
Watford City	49	Wyndmere	44

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

~ Compiled and Published by ~

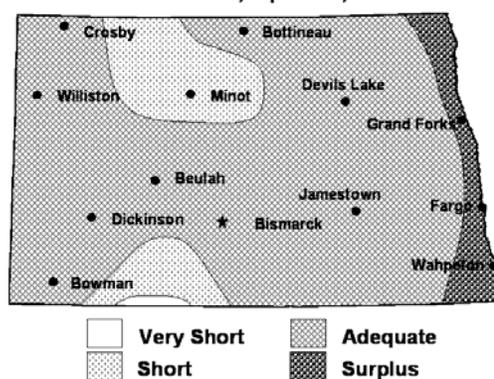
OFFICIAL BUSINESS
 Penalty for Private Use, \$300

ADDRESS SERVICE REQUESTED

**Soil Moisture Supplies
 North Dakota, April 15, 2007 with Comparisons**

Date	Week Ending			2002-2006 Avg
	April 15, 2007	April 8, 2007	April 15, 2006	
	Percent	Percent	Percent	Percent
Topsoil				
Very Short	1	1	3	7
Short	12	15	13	21
Adequate	80	75	72	65
Surplus	7	9	12	7
Subsoil				
Very Short	7	6	3	10
Short	35	36	15	24
Adequate	55	54	69	61
Surplus	3	4	13	5

**Topsoil Moisture Supplies
 North Dakota, April 15, 2007**



Weather: The shifts in the weather pattern led to warmer temperatures across the state. Last week started cold, but as the week progressed, temperatures warmed above average. A winter storm early in the week dumped 6 to 9 inches of snow south of Interstate 94. Areas to the north of this line saw only flurries. There were a few small rain showers across the northeastern corner of the state on Friday. Temperatures started out in the 30s and 40s last Monday. On Sunday, temperatures were in the 60s and 70s.

Outlook, April 16-22: The state will see a more April-like weather pattern with slightly above average temperatures and more rain showers. A cool front moving across the state will set off a few showers in the eastern third of the state. On Monday, as the front slides to the east, warmer temperatures will return to the state on Tuesday. Temperatures will remain in the upper 50s to low 60s for the remainder of the week. A storm system across the central and northern plains on Thursday could spread a chance of showers across the entire state. Another storm on Sunday could bring more significant precipitation to the state.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending April 15, 2007**

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	73	13	0	0.00	-0.59
Williston	73	20	0	0.00	-0.51
Mohall	72	10	0	0.00	-0.60
Minot	71	16	0	0.03	-0.76
(2) Baker	70	15	0	0.01	-0.62
Bottineau	74	12	0	0.00	-0.60
Rugby	70	16	0	0.00	-0.62
(3) Cando	66	18	0	0.03	-0.35
Cavalier	65	12	0	0.45	-0.06
Forest River	65	22	0	0.38	-0.15
Grand Forks	63	21	0	0.35	-0.22
Langdon	65	19	0	0.37	-0.06
St. Thomas	64	23	0	0.32	-0.21
(4) Hazen	72	15	0	0.00	-0.89
Turtle Lake	69	14	0	0.00	-0.74
Watford City	73	19	0	0.00	-0.62
(5) Carrington	66	19	0	0.02	-0.67
Harvey	70	14	0	0.00	-0.34
Jamestown	67	12	0	0.06	-0.62
Robinson	69	14	0	0.00	-0.64
Streeter	68	13	0	0.02	-0.60
(6) Dazey	65	19	0	0.14	-0.52
Fargo	64	15	0	0.47	-0.21
Hillsboro	63	20	0	0.36	-0.42
(7) Beach	67	19	0	0.10	-0.62
Bowman	73	18	0	0.07	-0.53
Dickinson	71	17	0	0.00	-0.87
Hettinger	72	17	0	0.08	-0.64
(8) Mandan	72	15	0	0.00	-0.70
Linton	72	15	0	0.02	-0.62
(9) Edgeley	68	13	0	0.10	-0.72
Oakes	66	10	0	0.13	-0.76
Wyndmere	66	13	0	0.47	-0.42

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending April 15, 2007**

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)	43	3	0	0.01	-0.62
N. Central(2)	42	4	0	0.00	-0.61
Northeast(3)	41	2	0	0.32	-0.18
W. Central(4)	43	1	0	0.00	-0.75
Central (5)	41	0	0	0.02	-0.57
E. Central(6)	41	0	0	0.32	-0.38
Southwest(7)	44	3	0	0.06	-0.67
S. Central(8)	43	1	0	0.01	-0.66
Southeast(9)	39	-1	0	0.23	-0.63

^{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.

^{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.