

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



North Dakota
Agricultural
Statistics Service

Released: April 19, 2004
For Week Ending: April 18, 2004
ND-CW1604

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

General: Farmers were able to make good progress planting small grains and sugarbeets last week, according to the North Dakota Agricultural Statistics Service. A warm, dry week provided producers an average of 4.6 days suitable for fieldwork. Majority of the state reported fieldwork ranging from fertilizer application to planting. Fieldwork has been hampered in the northeast district due to cold and wet conditions. Calving and lambing are now more than three quarters complete, ahead of last year.

Soil moisture supplies were marginally improved by the rain late last week. Topsoil moisture supplies were rated 6 percent very short, 19 short, 67 adequate and 8 surplus compared with last week's ratings of 7 percent very short, 20 short, 64 adequate and 9 surplus.

Crops: Warm, dry conditions last week enabled many producers to make good progress planting small grains and other crops. Spring wheat was 19 percent planted, compared with 13 percent last year and the five-year (1999-2003) average of 5 percent. Durum wheat was 8 percent planted, compared with 3 percent last year and the five-year average of 1 percent. Sugarbeet planting was underway with 18 percent of the crop reported planted, well ahead of the five-year average of 3 percent. Late season crop plantings, other than sugarbeets, have just begun, slightly ahead of last year and the five-year average.

Livestock: Reports of good calf health continued as favorable weather conditions eased stress this year. Calving was 78 percent complete, compared with 75 percent last year. Lambing was 86 percent complete, compared with 83 percent last year. Shearing was 92 percent complete. Hay and roughage supplies remained mostly adequate last week. Current supplies of hay and roughage were rated 3 percent very short, 18 short, 74 adequate and 5 surplus. Grain and concentrate supplies were rated 2 percent very short, 6 short, 87 adequate and 5 surplus. Pastures were rated 39 percent growing while 61 percent still remained dormant. Pasture and range conditions were rated 7 percent very poor, 23 poor, 38 fair, 31 good and 1 excellent.

Planting Completed April 18, 2004 with Comparisons

Crop	This Week	Last Week	Last Year	1999-03 Avg.
(Percent)				
SMALL GRAINS				
Barley	9	2	4	2
Durum Wheat	8	1	3	1
HRS Wheat	19	6	13	5
Oats	10	2	4	2
LATE SEASON CROPS				
Canola	4	1	2	1
Corn	3	0	1	0
Flaxseed	1	NA	0	0
Potatoes	2	NA	1	1
Soybeans	1	NA	0	0
Sugarbeets	18	1	7	3

NA = Not Available

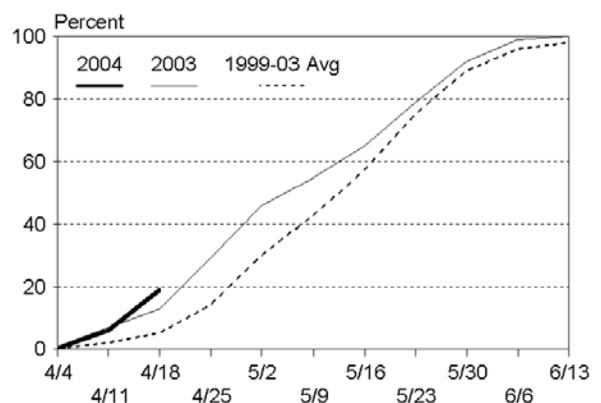
Soil Temperatures: Average soil temperatures on April 18 ranged from a low of 36 degrees F in Bowbells and Langdon to a high of 51 degrees F in Linton. These readings reflect daily average temperatures under 4 inches of bare soil and recorded by the North Dakota Agricultural Weather Network (NDAWN).

AVERAGE SOIL TEMPERATURES*, April 18, 2004

Station	Temperature	Station	Temperature
	Degrees F		Degrees F
NORTHWEST		CENTRAL	
Bowbells	36	Carrington	42
Minot	41	Robinson	42
Williston	41	Streeter	44
NORTH CENTRAL		EAST CENTRAL	
Baker	39	Dazey	43
Bottineau	38	Fargo	48
Rolla	39	SOUTHWEST	
NORTHEAST		Bowman	44
Cavalier	38	Dickinson	43
Grand Forks	45	SOUTH CENTRAL	
Langdon	36	Linton	51
WEST CENTRAL		SOUTHEAST	
Turtle Lake	42	Oakes	50
Watford City	41	Wyndmere	48

* 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 ~

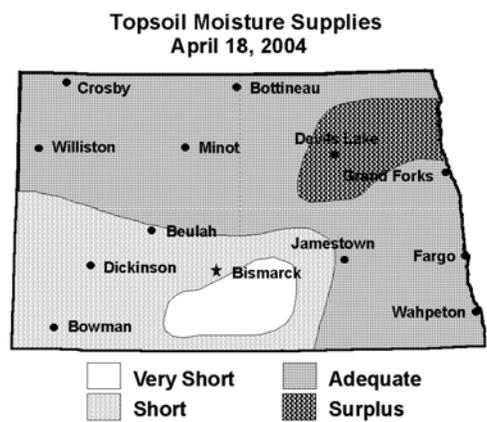
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NORTH DAKOTA CROP WEATHER REPORT, Week Ending April 18, 2004

Soil Moisture: North Dakota, April 18, 2004

Date	Very Short	Short	Adequate	Surplus
(Percent)				
TOPSOIL				
This Week	6	19	67	8
Last Week	7	20	64	9
Last Year	8	21	65	6
1999-03 Avg	3	13	71	13
SUBSOIL				
This Week	11	25	60	4
Last Week	11	27	59	3
Last Year	16	27	55	2
1999-03 Avg	5	16	69	10



Weather: A spring-like week was felt across the state with some warm high temperatures, some chilly low temperatures and some nice springtime rain. Weekly high temperatures ranged from the high 40s to the 70s across the state with Wyndmere and Dickinson being the hotspots with a high temperature of 76 degrees. Bowman was the cool spot with a weekly low temperature of 13 degrees with many others dipping into the teens as well. Every station picked up at least a bit of rain over the past week, the most notable were Dickinson and St. Thomas both picking up just a bit over 0.60 of an inch of rain.

Outlook, April 19-25: This week will bring mild temperatures and bouts with showers and thunderstorms. Expect the start of the week to be nice, but for Tuesday through Thursday expect another chance of showers and thunderstorms with high temperatures in the 50s and 60s and lows in the 30s. As Friday and the weekend approaches, expect a clearer and drier pattern with highs in the 60s and lows in the 30s.

Temperature & Precipitation: Districts and Stations North Dakota, Week ending April 18, 2004

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1		
	Past Week	Depart Normal ^{1/}	Past Week	Total	Depart Normal ^{1/}
	(Degrees F)		(Inches)		
Northwest (1)	41	0	0.20	0.27	-0.52
N. Central (2)	37	-4	0.19	0.36	-0.53
Northeast (3)	38	-5	0.38	0.99	0.25
W. Central (4)	42	-2	0.27	0.29	-0.71
Central (5)	41	-3	0.23	0.23	-0.66
E. Central (6)	45	0	0.10	0.14	-0.91
Southwest (7)	44	1	0.49	0.49	-0.41
S. Central (8)	42	-2	0.17	0.19	-0.76
Southeast (9)	47	2	0.14	0.27	-0.77

^{1/} 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 18, 2004

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1		
	High	Low	Past Week	Total	Depart Normal ^{1/}
	(Degrees F)		(Inches)		
(1) Bowbells	58	24	0.27	0.34	-0.40
Williston	70	22	0.16	0.18	-0.51
Mohall	57	19	0.19	0.26	-0.52
Minot	59	22	0.19	0.29	-0.68
(2) Baker	51	21	0.16	0.36	-0.67
Bottineau	57	16	0.16	0.34	-0.36
Rugby	55	21	0.24	0.38	-0.55
(3) Cando	50	25	0.29	0.75	0.07
Cavalier	50	18	0.47	1.56	0.85
Forest River	50	29	0.46	0.73	-0.16
Grand Forks	57	29	0.09	0.12	-0.62
Langdon	46	23	0.32	1.33	0.76
St. Thomas	49	30	0.64	1.47	0.58
(4) Hazen	74	15	0.39	0.41	-0.74
Turtle Lake	53	18	0.19	0.23	-0.81
Watford City	72	22	0.22	0.23	-0.59
(5) Carrington	61	20	0.33	0.33	-0.55
Harvey	62	19	0.37	0.38	-0.36
Jamestown	68	16	0.11	0.11	-0.74
Robinson	66	17	0.23	0.23	-0.67
Streeter	63	16	0.10	0.10	-0.98
(6) Dazey	61	20	0.16	0.16	-0.76
Fargo	74	21	0.07	0.07	-1.10
Hillsboro	66	25	0.07	0.19	-0.86
(7) Beach	75	17	0.36	0.36	-0.40
Bowman	68	13	0.47	0.47	-0.32
Dickinson	76	21	0.62	0.64	-0.37
Hettinger	69	16	0.49	0.49	-0.55
(8) Mandan	70	14	0.20	0.25	-0.68
Linton	67	18	0.13	0.13	-0.85
(9) Edgeley	68	18	0.22	0.26	-0.82
Oakes	73	24	0.09	0.43	-0.74
Wyndmere	76	21	0.12	0.12	-0.74

^{1/} Normal is the 1961-90 average. NA=Not Available.
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