

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



USDA, NASS
North Dakota
Field Office

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

Released: April 30, 2007
For Week Ending: April 29, 2007
ND-CW1807

General: Drier conditions and above normal temperatures during the week allowed producers to make excellent planting progress, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Reporters noted that soil conditions were very good for seeding. Reports from the western part of the state indicated that topsoil was dry and needs moisture to assist the germination of crops. Producers in the southeastern district started planting in well drained and high elevated areas. Statewide, on average, there were 6.3 days suitable for fieldwork. Topsoil moisture supplies were rated 1 percent very short, 24 short, 69 adequate and 6 surplus, compared with the five-year (2002-2006) average of 5 percent very short, 18 short, 69 adequate and 8 surplus.

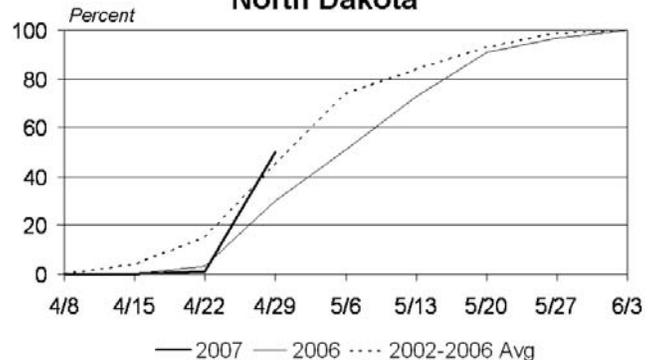
Crops: Planting of small grains and other crops are in full-swing across most of the state. Twenty-two percent of the spring wheat was seeded, compared with 29 percent last year and 34 percent on average. Durum wheat seeded at 13 percent, which jumped ahead of last year, but was still behind average. Barley and oats were 20 percent and 18 percent seeded, respectively.

Producers showed the most seeding progress for sugarbeets at 50 percent completed, compared with 45 percent on average. Planting progress for canola, dry edible peas, flaxseed, sugarbeets and soybeans were all ahead of last year's planting progress. Corn was 10 percent planted, behind last year and the average pace. Dry edible peas, at 26 percent planted, advanced 21 percentage points from the previous week. Potatoes planted, at 6 percent were slightly behind last year and average. Soybeans were underway with 1 percent planted.

Livestock: Producers were turning out cattle to pasture and ranges. Calving was 87 percent complete, equal to last year and average, while lambing was 90 percent complete, below last year and the average pace. Shearing neared completion at 96 percent complete.

Hay and forage supplies were rated 11 percent very short, 17 short, 68 adequate and 4 surplus, compared with the average of 5 percent very short, 14 short, 75 adequate and 6 surplus. Grain and concentrate supplies were rated 4 percent very short, 10 short, 80 adequate and 6 surplus. Pasture and range conditions for the past week were rated at 8 percent very poor, 22 poor, 41 fair, 27 good and 2 excellent. They were rated 79 percent growing, compared with 54 percent growing the previous week.

Sugarbeets: Planted North Dakota



Planting: Percent Completed North Dakota, Week Ending April 29, 2007 ^{1/}

Crop	Week Ending			2002-2006 Avg
	April 29, 2007	April 22, 2007	April 29, 2006	
	Percent	Percent	Percent	Percent
SMALL GRAINS				
Barley	20	1	19	25
Durum Wheat	13	2	10	16
Spring Wheat	22	3	29	34
Oats	18	2	25	29
OTHER CROPS				
Canola	12	1	9	15
Corn, All	10	0	11	20
Dry Edible Peas	26	5	16	NA
Flaxseed	5	0	3	7
Potatoes	6	NA	8	11
Soybeans	1	0	0	1
Sugarbeets	50	1	30	45

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

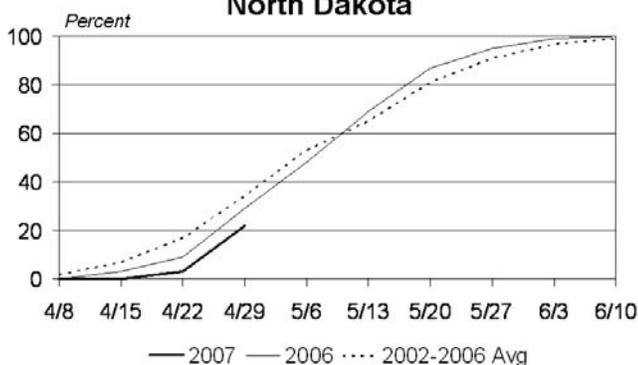
Soil Temperatures: Average soil temperatures on April 29, ranged from a low of 54 degrees F in Bottineau, Bowbells and Grand Forks to a high of 65 in Carrington. These readings reflect daily average temperatures under 4 inches of bare soil recorded by the North Dakota Agricultural Weather Network (NDAWN).

Average Soil Temperatures*, April 29, 2007

Station	Temperature	Station	Temperature
	Degrees F		Degrees F
NORTHWEST		CENTRAL	
Bowbells	54	Carrington	65
Minot	62	Robinson	57
Williston	60	Streeter	60
NORTH CENTRAL		EAST CENTRAL	
Baker	61	Dazey	59
Bottineau	54	Fargo	56
Rolla	59	SOUTHWEST	
NORTHEAST		Bowman	60
Cavalier	61	Dickinson	62
Grand Forks	54	SOUTH CENTRAL	
Langdon	55	Linton	62
WEST CENTRAL		SOUTHEAST	
Turtle Lake	64	Oakes	64
Watford City	62	Wyndmere	57

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

Spring Wheat: Planted North Dakota



~ Compiled and Published by ~

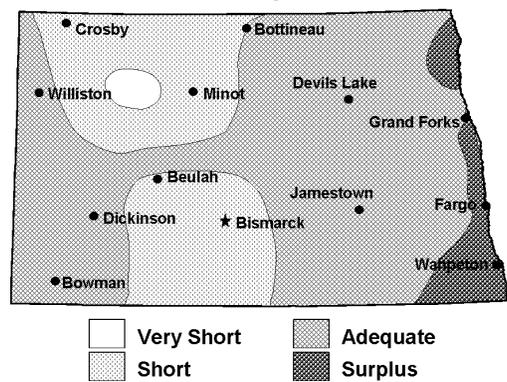
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**Soil Moisture Supplies
 North Dakota, April 29, 2007 with Comparisons**

Date	Week Ending			2002-2006 Avg
	April 29, 2007	April 22, 2007	April 29, 2006	
	Percent	Percent	Percent	Percent
Topsoil				
Very Short	1	1	0	5
Short	24	14	6	18
Adequate	69	76	75	69
Surplus	6	9	19	8
Subsoil				
Very Short	7	7	2	10
Short	34	31	8	22
Adequate	54	57	76	63
Surplus	5	5	14	5

**Topsoil Moisture Supplies
 North Dakota, April 29, 2007**



Weather: A very warm and dry stretch of weather sums up the events from last week. Nearly everyday saw temperatures well above normal while parts of the state saw only a little rainfall. Rain showers in the middle of the week moved across the central and northern counties of the state. The pattern remained dry and very warm as temperatures reached the 70s and 80s late in the week. A cool front swept across the state on Sunday morning bringing slightly cooler air and windy weather. Showers came in Sunday night spreading light to moderate rainfall.

Outlook, April 30-May 6: A little wetter week looks to be in store for the state. The split flow in the jet stream will shift a little and send a couple storms across the state. Monday will start off rainy for the eastern third of the state. This system will move quickly out of the state and dry weather will return on Thursday. Temperatures will cool down initially on Tuesday with temperatures across the state in the 60s, but will rebound into the 70s on Wednesday. Another storm system will wind up starting on Thursday as it moves out of Montana. This system will have the next best chance for moisture for the state. Temperatures will also cool with this system as temperatures will drop into the 60s for the weekend. This system looks like it will spread rain and thunderstorms across the state from Thursday through Sunday.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending April 29, 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)	56	10	0.02	0.16	-1.12
N. Central(2)	56	10	0.00	0.13	-1.14
Northeast (3)	55	8	0.00	0.41	NA
W. Central(4)	57	9	0.06	0.25	-1.25
Central (5)	57	9	0.00	0.18	-1.07
E. Central(6)	57	9	0.00	1.48	0.05
Southwest(7)	57	10	0.05	0.47	-1.09
S. Central(8)	60	12	0.00	0.23	-1.21
Southeast(9)	59	10	0.00	1.59	-0.14

^{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 April 29, 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	80	30	0.00	0.12	-1.13
Williston	81	36	0.07	0.13	-0.93
Mohall	82	30	0.00	0.11	-1.14
Minot	82	34	0.00	0.28	-1.29
(2) Baker	81	36	0.00	0.17	-1.12
Bottineau	81	27	0.00	0.11	-1.12
Rugby	81	32	0.00	0.11	-1.17
(3) Cando	80	33	NA	NA	NA
Cavalier	79	27	0.00	0.48	-0.63
Forest River	80	33	0.01	0.40	-0.74
Grand Forks	79	34	0.00	0.61	-0.57
Langdon	77	34	0.00	0.44	-0.55
St. Thomas	79	32	0.00	0.44	-0.70
(4) Hazen	82	32	0.17	0.36	-1.37
Turtle Lake	80	36	0.00	0.12	-1.34
Watford City	81	36	0.02	0.26	-1.05
(5) Carrington	81	32	0.02	0.14	-1.30
Harvey	81	33	0.00	0.12	-0.66
Jamestown	79	37	0.00	0.20	-1.18
Robinson	80	36	0.00	0.13	-1.25
Streeter	78	35	0.00	0.33	-0.94
(6) Dazey	79	36	0.00	0.44	-0.89
Fargo	79	38	0.00	2.56	1.17
Hillsboro	77	37	0.00	1.44	-0.14
(7) Beach	79	36	0.08	0.52	-1.03
Bowman	79	34	0.00	0.46	-0.86
Dickinson	80	34	0.10	0.39	-1.39
Hettinger	81	34	0.01	0.50	-1.08
(8) Mandan	82	38	0.00	0.19	-1.32
Linton	81	39	0.00	0.27	-1.09
(9) Edgeley	80	37	0.00	0.66	-1.00
Oakes	80	39	0.00	1.37	-0.37
Wyndmere	79	40	0.00	2.73	0.94

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