

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: April 5, 2010
For Week Ending: April 4, 2010
ND-CW1409

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

General: The statewide average starting date for fieldwork was pushed back two days to April 19 due to above normal precipitation during the week, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. This date is two weeks ahead of last year, but close to the five-year (2005-2009) average starting date of April 18. The expected starting dates ranged from April 14 in the east central district to April 21 in the central district. Reporters noted that fields were wet from precipitation in the form of rain and snow while some areas were still affected by flooding. Topsoil moisture supplies were rated 1 percent short, 74 adequate and 25 surplus, compared with 2 percent short, 58 adequate, and 40 surplus on April 5, 2009.

Crops: Reporters indicated that drier weather is needed for significant progress to be made in seeding. Activities during the week included marketing grain, preparing for seeding and harvesting corn. Corn harvest increased 2 percentage points during the week to 86 percent complete.

Livestock: In some areas, reporters raised concerns about availability of water supplies following power outages caused by heavy snowfall. Cow conditions were rated 2 percent poor, 17 fair, 74 good and 7 excellent. Calf conditions were rated 1 percent poor, 17 fair, 72 good and 10 excellent. Sheep conditions were rated 1 percent poor, 26 fair, 67 good and 6 excellent. Lamb conditions were rated 1 percent poor, 28 fair, 65 good and 6 excellent. Calving and lambing were 47 and 58 percent complete, respectively. Shearing gained 12 percentage points, reaching 77 percent completion.

Hay and forage supplies were rated 4 percent short, 88 adequate and 8 surplus, compared with last year's rating of 15 percent very short, 35 short, 49 adequate and 1 surplus. Grain and concentrate supplies were rated 3 percent short, 90 adequate and 7 surplus. Pastures and ranges were 95 percent dormant across the state.

**Planting: Percent Completed
North Dakota, Week Ending April 4, 2010¹**

Crop	Week Ending			2005-2009 Avg
	April 4, 2010	March 28, 2010	April 4, 2009	
	Percent	Percent	Percent	Percent
Barley	0	NA	0	0
Durum Wheat	0	NA	0	0
Spring Wheat	0	NA	0	0
Oats	0	NA	0	0
Canola	0	NA	0	0
Dry Edible Peas	0	NA	0	0
Sugarbeets	0	NA	0	0

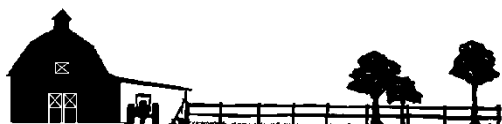
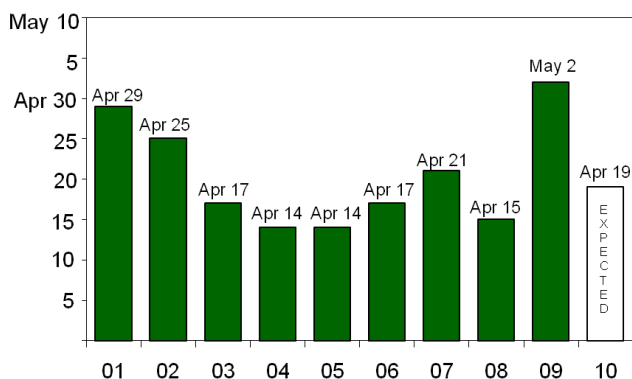
¹ Progress is based on current intended acreage. NA = Not Available

**Livestock Condition
North Dakota, Week Ending April 4, 2010**

Livestock	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Cows	0	2	17	74	7
Calves	0	1	17	72	10
Sheep	0	1	26	67	6
Lambs	0	1	28	65	6

Soil Temperatures: On April 4, average soil temperatures ranged from a low of 36 degrees F in Baker to a high of 47 degrees F in Wyndmere. Last year on April 5, average soil temperatures ranged from 28 degrees F to 34 degrees F. These readings reflect daily average temperatures under 4 inches of bare soil recorded by the North Dakota Agricultural Weather Network (NDAWN).

**Average Start Date for Fieldwork
North Dakota, 2001-2010**



Average Soil Temperatures*, April 4, 2010

Station	Temperature Degrees F	Station	Temperature Degrees F
NORTHWEST		CENTRAL	
Bowbells	37	Carrington	41
Minot	40	Robinson	41
Williston	40	Streeter	42
NORTH CENTRAL		EAST CENTRAL	
Baker	36	Dazey	41
Bottineau	40	Fargo	43
Rolla	39	SOUTHWEST	
NORTHEAST		Bowman	38
Cavalier	45	Dickinson	39
Grand Forks	44	SOUTH CENTRAL	
Langdon	37	Linton	38
WEST CENTRAL		SOUTHEAST	
Turtle Lake	41	Oakes	44
Watford City	39	Wyndmere	47

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

~ Compiled and Published by ~

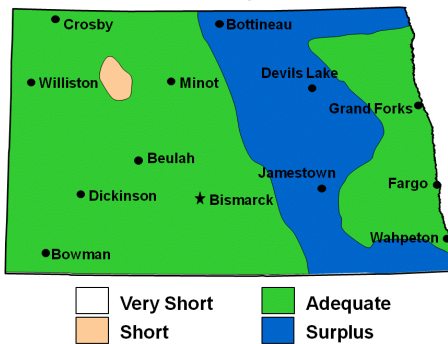
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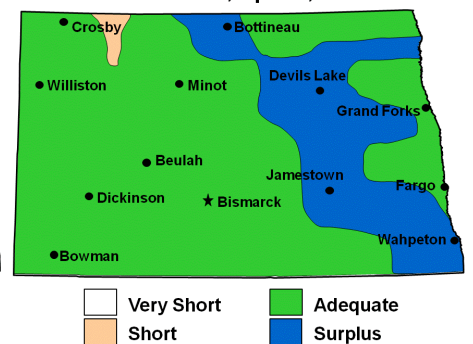
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Soil Moisture Supplies North Dakota, Week Ending April 4, 2010		
Date	April 4, 2010	April 5, 2009
	Percent	
Topsoil		
Very Short	0	0
Short	1	2
Adequate	74	58
Surplus	25	40
Subsoil		
Very Short	0	2
Short	1	6
Adequate	77	63
Surplus	22	29

**Topsoil Moisture Supplies
North Dakota, April 4, 2010**



**Subsoil Moisture Supplies
North Dakota, April 4, 2010**



Weather: Temperatures were much above normal this past week. Precipitation was above normal in the southwest, central, and northeast, and below normal elsewhere. Monday started off dry with highs in the mid-60s to low 70s. Highs on Tuesday were in the 60s to mid-70s with a few showers in the southwest and central areas of the state. A few showers continued in the southwest on Wednesday with highs in the mid-50s to mid-60s. Highs on Thursday were in the 40s to low 60s with rain and snow in the southwest, central, and northeast. Rain and snow continued in much of the same area on Friday with highs in the upper 30s to 50s. Snowfall amounts of around 2 to 8 inches fell in parts of the southwest, central, and northeast from April 1-2. Saturday was mainly dry with highs in the upper 40s to 50s. Highs on Sunday were in the upper 40s to low 60s with dry conditions.

Outlook, April 5-11: Temperatures will be above normal this upcoming week. Precipitation will be near normal. Highs on Monday will be in the mid-40s to mid-50s with a few showers in the south and west. There will be a chance of rain and snow showers in the southwest and south central areas on Tuesday and a chance of rain showers in the southeast. Highs will be in the upper 40s to mid-50s. A few rain and snow showers will continue in the west and south central areas on Wednesday with highs in the low to mid-50s. Thursday will be dry with highs in the 50s to low 60s. Highs on Friday will be in the mid-50s to low 60s with dry conditions. Dry conditions will continue on Saturday with highs in the 50s. There will be a chance of rain showers in the west on Sunday with highs in the mid-50s to low 60s.

**Temperature & Precipitation: Districts and Stations
North Dakota, Week ending April 4, 2010**

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	66	24			
Williston	69	27			
Mohall	65	24			
Minot	62	29			
(2) Baker	67	27			
Bottineau	68	23			
Rugby	66	28			
(3) Cando	66	32			
Cavalier	67	33			
Forest River	68	31			
Grand Forks	66	33			
Langdon	66	32			
St. Thomas	65	33			
(4) Hazen	68	23			
Turtle Lake	67	26			
Watford City	69	26			
(5) Carrington	70	30	Not Available		
Harvey	70	27			
Jamestown	70	31			
Robinson	71	29			
Streeter	70	29			
(6) Dazey	69	31			
Fargo	67	35			
Hillsboro	66	28			
(7) Beach	70	26			
Bowman	69	27			
Dickinson	68	25			
Hettinger	71	26			
(8) Mandan	72	27			
Linton	70	26			
(9) Edgeley	69	32			
Oakes	66	32			
Wyndmere	68	35			

**Temperature & Precipitation: Districts and Stations
North Dakota, Week ending April 4, 2010**

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)	45	11			
N. Central (2)	46	14			
Northeast (3)	49	16			
W. Central (4)	46	9			
Central (5)	49	14	Not Available		
E. Central (6)	49	14			
Southwest (7)	47	11			
S. Central (8)	48	12			
Southeast (9)	50	15			

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.

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