

# NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: April 19, 2010  
For Week Ending: April 18, 2010  
ND-CW1610

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

**General:** Warm, dry weather in some areas allowed producers to begin planting, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Reporters commented that fieldwork was limited in some areas of the state affected by precipitation. Activities included calving, lambing, applying fertilizer, seeding and harvesting corn. Topsoil moisture supplies were rated 5 percent short, 79 adequate and 16 surplus, compared with the five-year (2005-2009) average of 9 percent very short, 15 short, 62 adequate, and 14 surplus. Statewide, on average, there were 4.2 days suitable for fieldwork.

**Crops:** The statewide average starting date for fieldwork was April 18, which was almost two weeks ahead of last year's May 2. The expected starting dates ranged from April 13 in the east central district to April 23 in the northeast district. The statewide average starting date is April 20. Spring wheat plantings totaled 5 percent complete, compared with 6 percent average. Barley was 2 percent planted, compared with 4 percent average. Oats were 1 percent planted compared with the average of 6 percent. Planting of dry edible peas reached 1 percent complete compared with 5 percent on average. At 13 percent planted, sugarbeets were ahead of none planted last year and the average of 2 percent. The 2009 corn harvested for grain increased 3 percentage points to 91 percent complete.

**Livestock:** Calving and lambing were 74 and 81 percent complete, respectively. Cow conditions were rated 2 percent poor, 17 fair, 74 good and 7 excellent. Calf conditions were rated 2 percent poor, 15 fair, 74 good and 9 excellent. Sheep conditions were rated 2 percent poor, 21 fair, 70 good and 7 excellent. Lamb conditions were rated 2 percent poor, 21 fair, 70 good and 7 excellent. Shearing gained 10 percentage points, reaching 88 percent completion.

Hay and forage supplies were rated 1 percent very short, 7 short, 86 adequate and 6 surplus, compared with last year's rating of 20 percent very short, 37 short, 42 adequate and 1 surplus. Grain and concentrate supplies were rated 4 percent short, 89 adequate and 7 surplus. Pastures and ranges were 46 percent growing across the state, compared with 9 percent last year.

**Livestock Condition  
North Dakota, Week Ending April 18, 2010**

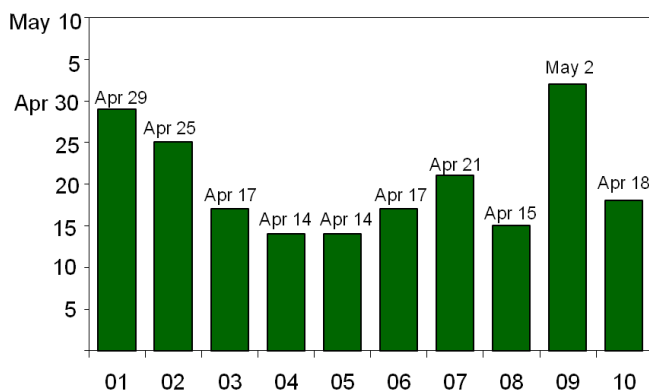
Livestock	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Cows	0	2	17	74	7
Calves	0	2	15	74	9
Sheep	0	2	21	70	7
Lambs	0	2	21	70	7

**Planting: Percent Completed  
North Dakota, Week Ending April 18, 2010<sup>1</sup>**

Crop	Week Ending			2005-2009 Avg
	April 18, 2010	April 11, 2010	April 18, 2009	
	Percent	Percent	Percent	Percent
<b>SMALL GRAINS</b>				
Barley	2	0	0	4
Durum Wheat	0	0	0	3
Spring Wheat	5	0	0	6
Oats	1	0	0	6
<b>OTHER CROPS</b>				
Canola	0	0	0	2
Dry Edible Peas	1	0	0	5
Sugarbeets	13	1	0	2

<sup>1</sup> Progress is based on current intended acreage. NA = Not Available

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



**Soil Temperatures:** On April 18, average soil temperatures ranged from a low of 42 degrees F in Bowbells to a high of 54 degrees F in Cavalier and Carrington. Last year on April 19, average soil temperatures ranged from 35 degrees F to 47 degrees. 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 18, 2010**

Station	Temperature	Station	Temperature
	Degrees F		Degrees F
NORTHWEST		CENTRAL	
Bowbells	42	Carrington	54
Minot	50	Robinson	47
Williston	52	Streeter	46
NORTH CENTRAL		EAST CENTRAL	
Baker	46	Dazey	49
Bottineau	43	Fargo	47
Rolla	49	SOUTHWEST	
NORTHEAST		Bowman	49
Cavalier	54	Dickinson	52
Grand Forks	51	SOUTH CENTRAL	
Langdon	45	Linton	52
WEST CENTRAL		SOUTHEAST	
Turtle Lake	49	Oakes	52
Watford City	53	Wyndmere	52

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

~ Compiled and Published by ~

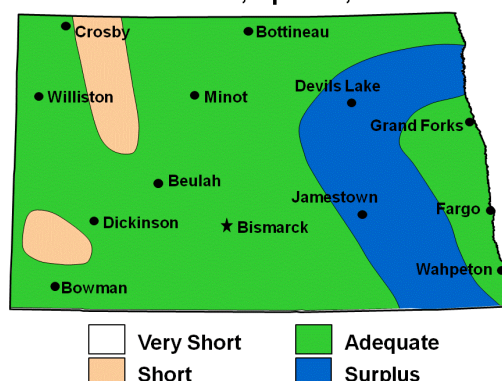
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**Soil Moisture Supplies  
 North Dakota, Week Ending April 18, 2010**

Date	Week Ending			2005-2009 Avg
	April 18, 2010	April 11, 2010	April 18, 2009	
	Percent	Percent	Percent	Percent
<b>Topsoil</b>				
Very Short	0	0	0	9
Short	5	3	1	15
Adequate	79	79	54	62
Surplus	16	18	45	14
<b>Subsoil</b>				
Very Short	0	0	1	11
Short	4	3	5	22
Adequate	80	82	58	55
Surplus	16	15	36	12

**Topsoil Moisture Supplies  
 North Dakota, April 18, 2010**



**Weather:** Temperatures were above normal across the state this past week. Precipitation was above normal in parts of the east, central and northwest areas of the state with below normal precipitation elsewhere. There were showers and thunderstorms in the east and northeast on Monday with highs in the mid-40s to mid-60s. There were also a few severe thunderstorms with large hail in the south central area of the state on Monday. Highs on Tuesday were in the upper 50s to 70s with showers and thunderstorms across the state. There were a few severe thunderstorms with large hail and damaging winds in parts of the central and west on Tuesday. Wednesday was dry with highs in the upper 40s to mid-70s. Highs on Thursday were in the mid-40s to low 60s with dry conditions. Dry conditions continued on Friday with highs in the mid-50s to low 60s. Saturday was dry with highs in the 60s. Highs on Sunday were in the mid-60s to low 70s.

**Outlook, April 19-25:** Temperatures will be above normal across much of the state this upcoming week. Precipitation is expected to be below normal in most areas. The best chance for above normal precipitation will be in the south and will occur late in the week. Highs on Monday will be in the mid-60s to low 70s with a chance of showers and thunderstorms in the southwest. Tuesday and Wednesday will be dry with highs in the 60s to low 70s. Highs on Thursday will be in the mid-60s to low 70s with dry conditions. There will be a chance of showers in the western and southern areas of the state on Friday with highs in the upper 50s to mid-60s. Saturday will be dry with highs in the 50s to low 60s. Highs on Sunday will be in the mid-50s to mid-60s with a chance of showers and thunderstorms in the southeast. Minor flooding will continue in parts of the Red River valley through next week.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending April 18, 2010**

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1 <sup>1</sup>		
	High	Low	Past Week	Total	Depart Normal <sup>2</sup>
	(Degrees F)	(Degrees F)	(Inches)	(Inches)	(Inches)
(1) Bowbells	68	24	0.28	0.29	-0.42
Williston	68	29	0.25	0.25	-0.36
Mohall	68	28	0.58	0.61	-0.11
Minot	68	29	0.66	0.66	-0.28
(2) Baker	67	32	0.30	0.31	-0.44
Bottineau	70	24	0.78	0.82	0.10
Rugby	68	29	0.67	0.67	-0.07
(3) Cando	64	34	0.48	0.49	0.02
Cavalier	70	30	0.33	0.33	-0.30
Forest River	72	29	0.29	0.29	-0.36
Grand Forks	73	30	0.31	0.31	-0.38
Langdon	66	31	0.14	0.14	-0.38
St. Thomas	70	31	0.31	0.31	-0.34
(4) Hazen	71	22	0.50	0.50	-0.57
Turtle Lake	70	28	0.76	0.76	-0.13
Watford City	67	28	0.18	0.18	-0.58
(5) Carrington	69	30	0.07	0.07	-0.77
Harvey	66	30	0.45	0.45	0.03
Jamestown	71	32	0.02	0.02	-0.81
Robinson	75	32	0.14	0.14	-0.65
Streeter	77	32	0.04	0.04	-0.70
(6) Dazey	71	33	0.30	0.30	-0.48
Fargo	74	28	0.43	0.43	-0.38
Hillsboro	74	26	0.30	0.30	-0.63
(7) Beach	68	29	0.05	0.05	-0.83
Bowman	65	28	0.04	0.12	-0.61
Dickinson	68	27	0.25	0.25	-0.80
Hettinger	71	26	0.53	0.56	-0.33
(8) Mandan	76	32	0.63	0.63	-0.22
Linton	77	32	0.46	0.46	-0.33
(9) Edgeley	80	27	0.04	0.04	-0.93
Oakes	80	32	0.05	0.05	-1.02
Wyndmere	72	34	2.24	2.24	1.17

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending April 18, 2010**

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1 <sup>1</sup>		
	Past Week	Depart Normal <sup>2</sup>	Past Week	Total	Depart Normal <sup>2</sup>
	(Degrees F)	(Degrees F)	(Inches)	(Inches)	(Inches)
Northwest(1)	47	6	0.44	0.45	-0.29
N. Central(2)	48	8	0.58	0.60	-0.14
Northeast (3)	50	8	0.31	0.31	-0.29
W. Central(4)	47	4	0.48	0.48	-0.43
Central (5)	51	8	0.14	0.14	-0.58
E. Central(6)	51	8	0.34	0.34	-0.50
Southwest(7)	47	5	0.22	0.24	-0.64
S. Central(8)	54	11	0.55	0.55	-0.28
Southeast(9)	54	11	0.78	0.78	-0.26

<sup>1</sup> Precipitation amounts may vary due to an inaccurate snowfall melt. <sup>2</sup> 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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