

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: April 12, 2010
For Week Ending: April 11, 2010
ND-CW1509

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

General: Favorable weather conditions during the week allowed producers to begin fieldwork, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Activities included applying fertilizer, cleaning seed, calving and lambing. Topsoil moisture supplies were rated 3 percent short, 79 adequate and 18 surplus, compared with the five-year (2005-2009) average of 9 percent very short, 16 short, 61 adequate, and 15 surplus. Statewide, on average, there were 3 days suitable for fieldwork.

Crops: The statewide average starting date for fieldwork is expected to be April 18 compared with April 19 last week and last year's May 2. The expected starting dates ranged from April 29 in the north central district to April 13 in the east central district. The statewide average starting date is April 20. Sugarbeet planting has begun at 1 percent complete. Reporters commented that last year's corn fields were still not dry enough in some areas to make significant harvest progress, which increased only 2 percentage points to 88 percent complete.

Livestock: No significant problems were reported concerning calving and lambing which were 61 and 73 percent complete, respectively. Cow conditions were rated 2 percent poor, 17 fair, 73 good and 8 excellent. Calf conditions were rated 1 percent poor, 14 fair, 76 good and 9 excellent. Sheep conditions were rated 2 percent poor, 17 fair, 75 good and 6 excellent. Lamb conditions were rated 2 percent poor, 17 fair, 75 good and 6 excellent. Shearing gained 1 percentage point, reaching 78 percent completion.

Hay and forage supplies were rated 6 percent short, 85 adequate and 9 surplus, compared with last year's rating of 20 percent very short, 36 short, 43 adequate and 1 surplus. Grain and concentrate supplies were rated 4 percent short, 89 adequate and 7 surplus. Pastures and ranges were 74 percent dormant across the state.

Planting: Percent Completed
North Dakota, Week Ending April 11, 2010¹

Crop	Week Ending			2005-2009 Avg
	April 11, 2010	April 4, 2010	April 11, 2009	
	Percent	Percent	Percent	Percent
SMALL GRAINS				
Barley	0	0	0	1
Durum Wheat	0	0	0	1
Spring Wheat	0	0	0	2
Oats	0	0	0	2
OTHER CROPS				
Canola	0	0	0	0
Dry Edible Peas	0	0	0	1
Sugarbeets	1	0	0	0

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

Livestock Condition
North Dakota, Week Ending April 11, 2010

Livestock	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Cows	0	2	17	73	8
Calves	0	1	14	76	9
Sheep	0	2	17	75	6
Lambs	0	2	17	75	6

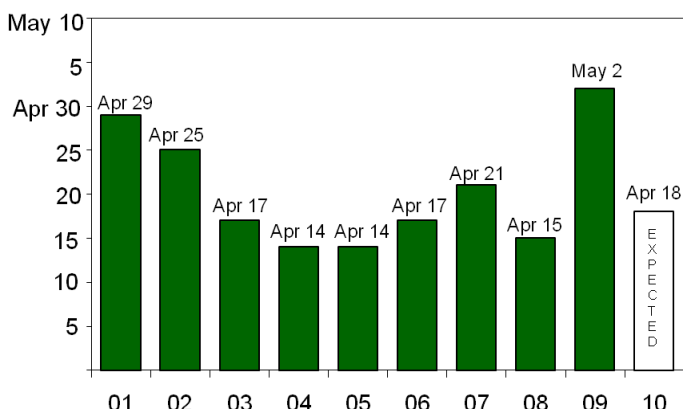
Soil Temperatures: On April 11, average soil temperatures ranged from a low of 37 degrees F in Bottineau, Bowbells and Langdon to a high of 48 degrees F in Wyndmere. Last year on April 12, average soil temperatures ranged from 31 degrees F to 44 degrees. These readings reflect daily average temperatures under 4 inches of bare soil recorded by the North Dakota Agricultural Weather Network (NDAWN).

Average Soil Temperatures*, April 11, 2010

Station	Temperature Degrees F	Station	Temperature Degrees F
NORTHWEST			
Bowbells	37	CARRINGTON	46
Minot	44	ROBINSON	39
Williston	42	STREETER	39
NORTH CENTRAL			
Baker	39	EAST CENTRAL	
Bottineau	37	Dazey	43
Rolla	41	Fargo	42
NORTHEAST			
Cavalier	47	SOUTHWEST	
Grand Forks	44	Bowman	40
Langdon	37	Dickinson	43
WEST CENTRAL			
Turtle Lake	41	SOUTH CENTRAL	
Watford City	43	Linton	41
		SOUTHEAST	
		Oakes	44
		Wyndmere	48

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

Average Start Date for Fieldwork
North Dakota, 2001-2010



~ Compiled and Published by ~

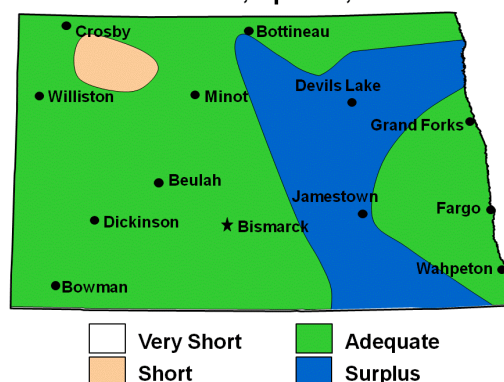
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**Soil Moisture Supplies
 North Dakota, Week Ending April 11, 2010**

Date	Week Ending			2005-2009 Avg
	April 11, 2010	April 4, 2010	April 11, 2009	
	Percent	Percent	Percent	Percent
Topsoil				
Very Short	0	0	0	9
Short	3	1	2	16
Adequate	79	74	53	60
Surplus	18	25	45	15
Subsoil				
Very Short	0	0	1	11
Short	3	1	7	22
Adequate	82	77	60	56
Surplus	15	22	32	11

**Topsoil Moisture Supplies
 North Dakota, April 11, 2010**



Weather: Temperatures were near normal in the west and above normal in the central and east this past week. Precipitation was below normal across the state. Highs on Monday were in the 50s to low 60s with dry conditions. Tuesday was dry with highs in the mid-50s to low 60s. Highs on Wednesday were in the 50s to low 60s with dry conditions. Dry conditions continued on Thursday with highs in the mid-50s to 60s. Friday and Saturday were dry with highs in the 50s to low 60s. There were a few showers in the west on Sunday with highs in the 50s and 60s.

Outlook, April 12-18: Temperatures will be above normal across much of the state this upcoming week. Precipitation is expected to be near to above normal. Most of the precipitation will occur early in the week. Highs on Monday will be in the mid-40s to low 60s with a chance of showers in the far north and a chance of showers and thunderstorms elsewhere. There will also be a chance of severe thunderstorms in the west central, central and southeast areas of the state late Monday into Tuesday. The main threat will be large hail. The chance of showers and thunderstorms will continue across much of the state on Tuesday with highs in the mid-50s to low 70s. There will be a chance of showers on Wednesday with highs in the 50s and 60s. Highs on Thursday will be in the 50s to mid-60s with a chance of showers in the northwest. Friday will be dry with highs in the mid-50s to low 60s. Highs on Saturday will be in the 50s to low 60s with dry conditions. Dry conditions will continue on Sunday with highs in the 50s and 60s. Minor to moderate flooding will continue in the Red River valley through next week.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending April 11, 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	62	22	0.01	0.01	-0.42
Williston	66	25	0.00	0.00	-0.39
Mohall	62	23	0.03	0.03	-0.41
Minot	62	26	0.00	0.00	-0.59
(2) Baker	61	28	0.01	0.01	-0.46
Bottineau	63	18	0.04	0.04	-0.40
Rugby	62	24	0.00	0.00	-0.46
(3) Cando	58	28	0.01	0.01	-0.25
Cavalier	60	23	0.00	0.00	-0.39
Forest River	58	28	0.00	0.00	-0.39
Grand Forks	60	28	0.00	0.00	-0.41
Langdon	56	26	0.00	0.00	-0.31
St. Thomas	58	30	0.00	0.00	-0.39
(4) Hazen	63	18	0.00	0.00	-0.65
Turtle Lake	61	25	0.00	0.00	-0.54
Watford City	64	25	0.00	0.00	-0.46
(5) Carrington	61	26	0.00	0.00	-0.50
Harvey	61	25	0.00	0.00	-0.26
Jamestown	60	28	0.00	0.00	-0.52
Robinson	61	25	0.00	0.00	-0.47
Streeter	60	26	0.00	0.00	-0.46
(6) Dazey	59	26	0.00	0.00	-0.50
Fargo	66	24	0.00	0.00	-0.52
Hillsboro	64	24	0.00	0.00	-0.58
(7) Beach	63	24	0.00	0.00	-0.52
Bowman	62	24	0.08	0.08	-0.36
Dickinson	62	23	0.00	0.00	-0.63
Hettinger	67	24	0.03	0.03	-0.49
(8) Mandan	62	27	0.00	0.00	-0.50
Linton	60	29	0.00	0.00	-0.48
(9) Edgeley	62	26	0.00	0.00	-0.62
Oakes	65	28	0.00	0.00	-0.65
Wyndmere	67	30	0.00	0.00	-0.65

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending April 11, 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)	43	5	0.01	0.01	-0.45
N. Central(2)	42	6	0.02	0.02	-0.44
Northeast (3)	42	5	0.00	0.00	-0.36
W. Central(4)	42	2	0.00	0.00	-0.55
Central (5)	43	4	0.00	0.00	-0.44
E. Central(6)	43	5	0.00	0.00	-0.53
Southwest(7)	43	4	0.03	0.03	-0.50
S. Central(8)	44	4	0.00	0.00	-0.49
Southeast(9)	46	7	0.00	0.00	-0.64

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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