

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: April 13, 2009
For Week Ending: April 12, 2009
ND-CW1509

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

General: Below normal temperatures and wet conditions were experienced across most of the state, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. As snow melted across the state, wet and muddy roads and fields created problems for producers. Fieldwork is delayed across the state due to a combination of soil saturation, snow cover and overland flooding. The poor condition of secondary roads limited grain movement. Reporters noted that producers utilized their time fixing machinery and further preparing for the 2009 season. Topsoil moisture supplies were rated 2 percent short, 52 adequate and 46 surplus, compared with the five-year (2004-2008) average of 10 percent very short, 19 short, 63 adequate and 8 surplus.

Crops: Saturated and flooded fields have delayed fieldwork across the state. Deteriorated road quality has also limited the movement of machinery. The statewide average starting date for fieldwork is expected to be May 2, three days later than the previous week's estimate, and over 2 weeks behind last year's average starting date. The expected starting date ranged from April 27 in the south central district to May 6 in the north central district. The statewide five-year (2004-2008) average starting date is April 16.

Livestock: Reporters observed that ranchers are having difficulty keeping bedding dry and that the persistent wet and muddy conditions have led to some death loss of cattle and calves. Calving and lambing were 63 and 74 percent complete, respectively, both behind their five-year averages. Cow conditions were rated 3 percent very poor, 10 poor, 35 fair, 47 good and 5 excellent. Calf conditions were rated 4 percent very poor, 9 poor, 33 fair, 50 good and 4 excellent. Sheep conditions were rated 1 percent very poor, 7 poor, 31 fair, 57 good and 4 excellent. Lamb conditions were rated 1 percent very poor, 5 poor, 30 fair, 60 good and 4 excellent. Shearing gained 4 percentage points to 83 percent complete.

Hay and forage supplies were rated 21 percent very short, 36 short, 42 adequate and 1 surplus, compared with the five-year (2004-2008) average rating of 3 percent very short, 12 short, 79 adequate and 7 surplus. Grain and concentrate supplies were 10 percent very short, 13 short, 75 adequate and 2 surplus. Pasture and ranges were 99 percent dormant.

**Planting: Percent Completed
North Dakota, Week Ending April 12, 2009¹**

Crop	Week Ending			2004-2008 Avg
	April 12, 2009	April 5, 2009	April 12, 2008	
	Percent	Percent	Percent	Percent
SMALL GRAINS				
Barley	0	0	3	2
Durum Wheat	0	0	3	2
Spring Wheat	0	0	5	4
Oats	0	0	3	2
OTHER CROPS				
Canola	0	0	0	1
Dry Edible Peas	0	0	3	NA
Sugarbeets	0	0	0	1

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

**Livestock Condition
North Dakota, Week Ending April 12, 2009**

Livestock	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Cows	3	10	35	47	5
Calves	4	9	33	50	4
Sheep	1	7	31	57	4
Lambs	1	5	30	60	4

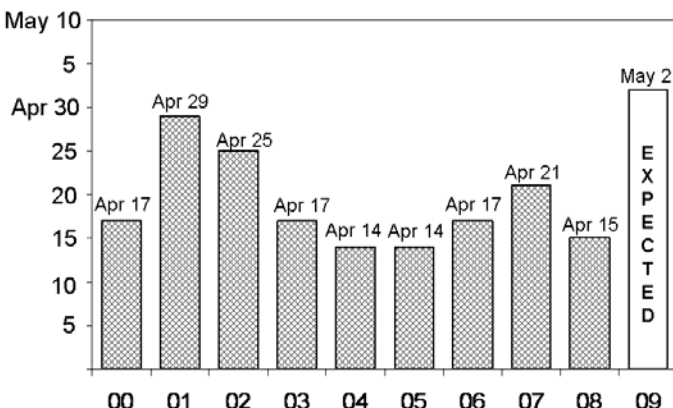
Soil Temperatures: Average soil temperatures on April 12 ranged from a low of 31 degrees F in Bowman and Langdon to a high of 44 in Williston. Last year on April 13, soil temperatures ranged from 32 degrees F to 48. These readings reflect daily average temperatures under 4 inches of bare soil recorded by the North Dakota Agricultural Weather Network (NDAWN).

Average Soil Temperatures*, April 12, 2009

Station	Temperature	Station	Temperature
	Degrees F		Degrees F
NORTHWEST		CENTRAL	
Bowbells	36	Carrington	33
Minot	32	Robinson	34
Williston	44	Streeter	32
NORTH CENTRAL		EAST CENTRAL	
Baker	34	Dazey	32
Bottineau	36	Fargo	37
Rolla	32	SOUTHWEST	
NORTHEAST		Bowman	31
Cavalier	32	Dickinson	33
Grand Forks	40	SOUTH CENTRAL	
Langdon	31	Linton	32
WEST CENTRAL		SOUTHEAST	
Turtle Lake	36	Oakes	40
Watford City	37	Wyndmere	32

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

**Average Start Date for Fieldwork
North Dakota, 2000-2009**



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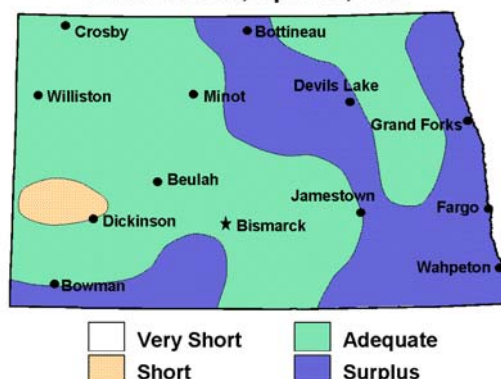
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NORTH DAKOTA CROP WEATHER REPORT, Week Ending April 12, 2009

**Soil Moisture Supplies
 North Dakota, Week Ending April 12, 2009**

Date	Week Ending			2004-2008 Avg
	April 12, 2009	April 5, 2009	April 12, 2008	
	Percent	Percent	Percent	Percent
Topsoil				
Very Short	0	0	32	10
Short	2	2	29	19
Adequate	52	58	36	63
Surplus	46	40	3	8
Subsoil				
Very Short	1	2	31	13
Short	7	6	32	26
Adequate	59	63	36	56
Surplus	33	29	1	5

**Topsoil Moisture Supplies
 North Dakota, April 12, 2009**



Weather: Temperatures were below normal for much of the state this past week. Above normal temperatures were found in the northwest where there was no snow cover. The coldest temperatures occurred in the southern and central portions of the state where the snow cover was the deepest. Precipitation was below normal statewide. Monday was dry with highs ranging from the upper 20s to low 40s. Tuesday was dry with highs ranging from the mid-30s to mid-50s. Highs on Wednesday were in the mid-30s to low 50s with dry conditions. Thursday was dry with highs in the 30s and 40s. Friday was dry with highs in the mid-30s to low 50s. There were a few showers in the southwest on Saturday with highs in the mid-40s to 50s. There were some rain showers mainly in the central and east on Sunday with highs ranging from the mid-40s to mid-60s.

Outlook, April 13-19: Temperatures will be near to above normal this upcoming week. Precipitation is expected to be near to above normal. The best chance for precipitation will occur mid to late in the week across much of the state. There will be a chance for a few scattered showers in the east on Monday with highs in the mid-50s to low 60s. Highs on Tuesday will be in the upper 50s to mid-60s with a chance of showers and thunderstorms in the west. There will be a chance of showers for the western parts of the state on Wednesday with highs in the 50s to low 60s. The chance of showers will spread into the east on Thursday and Friday with a chance of rain or snow in the west. Highs will be in the 40s to mid-50s. The chance of showers will continue on Saturday with highs in the mid-40s to mid-50s. Highs on Sunday will be in the mid-40s to low 50s with a chance of showers in the east. Flooding will continue statewide this week as a result of the significant amount of snow melt over the past several days along with expected rainfall this week.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending April 12, 2009**

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	54	12	0.00	0.00	-0.47
Williston	63	19	0.00	0.00	-0.42
Mohall	57	16	0.00	0.00	-0.48
Minot	48	15	0.00	0.00	-0.64
(2) Baker	43	18	0.27	0.30	-0.21
Bottineau	47	20	0.07	0.07	-0.41
Rugby	43	15	0.26	0.26	-0.24
(3) Cando	46	20	0.14	0.16	-0.13
Cavalier	52	18	0.18	0.28	-0.14
Forest River	53	23	0.20	0.24	-0.18
Grand Forks	55	22	0.05	0.08	-0.37
Langdon	43	13	0.16	0.22	-0.12
St. Thomas	52	23	0.19	0.20	-0.22
(4) Hazen	52	14	0.00	0.00	-0.71
Turtle Lake	49	14	0.01	0.01	-0.58
Watford City	64	17	0.00	0.00	-0.50
(5) Carrington	46	20	0.25	0.27	-0.27
Harvey	44	19	0.09	0.10	-0.18
Jamestown	47	12	0.26	0.27	-0.29
Robinson	45	16	0.09	0.13	-0.38
Streeter	47	12	0.15	0.17	-0.33
(6) Dazey	51	18	0.16	0.18	-0.36
Fargo	55	22	0.00	0.09	-0.47
Hillsboro	55	20	0.00	0.02	-0.61
(7) Beach	60	14	0.02	0.04	-0.53
Bowman	52	6	0.02	0.04	-0.44
Dickinson	60	11	0.03	0.06	-0.63
Hettinger	57	7	0.00	0.09	-0.48
(8) Mandan	53	13	0.01	0.03	-0.52
Linton	57	14	0.19	0.23	-0.29
(9) Edgeley	51	16	0.17	0.48	-0.19
Oakes	57	19	0.00	0.03	-0.68
Wyndmere	55	19	0.00	0.17	-0.54

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending April 12, 2009**

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)	35	-2	0.00	0.00	-0.50
N. Central(2)	31	-5	0.20	0.21	-0.29
Northeast(3)	35	-2	0.15	0.20	-0.19
W. Central(4)	35	-5	0.00	0.00	-0.60
Central (5)	30	-8	0.17	0.19	-0.29
E. Central(6)	36	-2	0.05	0.10	-0.48
Southwest(7)	33	-6	0.02	0.06	-0.52
S. Central(8)	34	-5	0.10	0.13	-0.40
Southeast(9)	36	-3	0.06	0.23	-0.47

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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