

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 11, 2011
For Week Ending: April 10, 2011
ND-CW1511

General: The average starting date for fieldwork is expected to be April 29, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. This date is eleven days later than last year and eight days behind the five-year (2006-2010) average. The expected starting dates across the state ranged from April 25 in the south central district to May 6 in the northeast district. Warmer temperatures melting snow and late-week precipitation added more moisture to already saturated roads and fields. Flooding occurred in many parts of the state, especially in the east. Topsoil moisture supplies were rated 47 percent adequate and 53 surplus while subsoil moisture supplies were rated 1 percent short, 57 adequate, and 42 surplus.

Crops: Growers in most parts of the state were still waiting for warm, dry weather to allow planting to begin. Activities during the week included marketing grain, as road conditions permitted, and preparing equipment for fieldwork.

Livestock: The wet weather affected livestock producers as well, saturating feedlots and calving yards across the state. Calving was 57 percent complete, while lambing was 74 percent complete. Cow conditions were rated 2 percent poor, 18 fair, 72 good, and 8 excellent. Calf conditions were rated 1 percent poor, 19 fair, 72 good, and 8 excellent. Sheep conditions were rated 2 percent poor, 15 fair, 74 good, and 9 excellent. Lamb conditions were rated 2 percent poor, 23 fair, 66 good, and 9 excellent. Shearing was 84 percent complete. Hay and forage supplies were rated 1 percent very short, 10 percent short, 81 adequate, and 8 surplus. The grain and concentrate supply was rated 1 percent very short, 7 short, 87 adequate, and 5 surplus. Pastures and ranges were rated 95 percent still dormant.

**Livestock Condition
North Dakota: April 10, 2011**

Livestock	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Cows	0	2	18	72	8
Calves	0	1	19	72	8
Sheep	0	2	15	74	9
Lambs	0	2	23	66	9

Planting Percent Completed

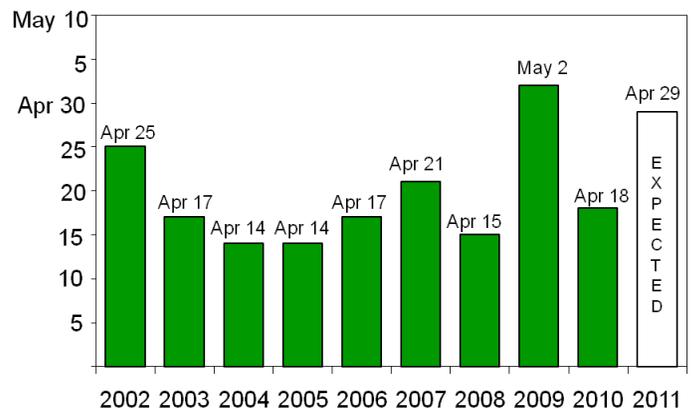
North Dakota: April 10, 2011

(Progress is based on current intended acreage.)

Crop	April 10, 2011 (percent)	April 3, 2011 (percent)	April 10, 2010 (percent)	2006- 2010 Average (percent)
Small Grains				
Barley.....	0	(NA)	0	0
Durum wheat.....	0	(NA)	0	0
Spring wheat.....	0	(NA)	0	1
Oats.....	0	0	0	0
Other Crops				
Dry edible peas.....	0	(NA)	0	0

(NA) Not available.

**Average Start Date for Fieldwork
North Dakota**



Soil Temperatures: On April 10, average soil temperatures ranged from a low of 32 degrees F in Baker, Bottineau and Rolla to a high of 45 degrees F in Wyndmere. Last year on April 11, average soil temperatures ranged from 37 degrees F to 48 degrees F. 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 10, 2011

Station	Temperature (degrees F)	Station	Temperature (degrees F)
NORTHWEST			
Bowbells.....	35	CENTRAL	
Minot.....	34	Carrington.....	38
Williston.....	37	Robinson.....	38
NORTH CENTRAL			
Baker.....	32	Streeter.....	37
Bottineau.....	32	EAST CENTRAL	
Rolla.....	32	Dazey.....	38
NORTHEAST			
Cavalier.....	39	Fargo.....	38
Grand Forks.....	43	SOUTHWEST	
Langdon.....	33	Bowman.....	43
WEST CENTRAL			
Turtle Lake.....	40	Dickinson.....	42
Watford City.....	40	SOUTH CENTRAL	
		Linton.....	39
		SOUTHEAST	
		Oakes.....	41
		Wyndmere.....	45

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

~ Compiled and Published by ~

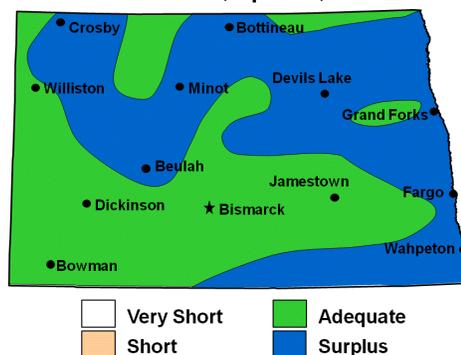
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Soil Moisture Supplies – North Dakota: April 10, 2011

Item	April 10, 2011	April 3, 2011	April 10, 2010	2006-2010 Average
	(percent)	(percent)	(percent)	(percent)
Topsoil				
Very Short..	0	0	0	7
Short	0	1	3	12
Adequate...	47	49	78	63
Surplus.....	53	50	19	18
Subsoil				
Very Short..	0	0	0	8
Short	1	1	3	19
Adequate...	57	63	81	60
Surplus.....	42	36	16	13

**Topsoil Moisture Supplies
 North Dakota, April 10, 2011**



Weather: Temperatures were near to below normal in parts of the north central and northwest and near to above normal elsewhere. Precipitation was near to below normal in parts of the south central and southeast and near to above normal elsewhere. Monday was dry with highs in the mid-30s to 40s. There were showers in the west on Tuesday with highs in the upper 30s to low 50s. Highs on Wednesday were in the 40s to mid-50s with a few showers in the southwest. There were showers across much of the state on Thursday with highs in the 40s to low 60s. There were showers in the western half of the state on Friday with highs in the upper 30s to low 60s. Highs on Saturday were in the 40s to 50s with showers across the state. Highs on Sunday were in the mid-40s to 50s with rain in the central and east.

Outlook, April 11-17: Temperatures will be near normal this upcoming week. Precipitation will be near to below normal across much of the state. Monday will be dry with highs in the 50s to low 60s. Highs on Tuesday will be in the upper 40s to 50s with a chance of rain or snow showers in the west and rain showers in the central and east. Wednesday will be dry with highs in the 40s to low 50s. There will be a chance of rain or snow showers in the south central and west on Thursday with highs in the upper 30s to mid-40s. There will be a chance of rain showers across much of the state on Friday with highs in the 40s. Highs on Saturday will be in the 40s with a chance of showers in the north. There will be a chance of showers in the southwest on Sunday with highs in the 40s to low 50s.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending April 10, 2011**

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	36	0	0.66	0.66	0.24
N. Central	33	-1	0.39	0.39	-0.03
Northeast (3)	37	0	0.55	0.55	0.22
W. Central	37	-2	0.36	0.36	-0.14
Central	37	-1	0.25	0.25	-0.16
E. Central(6)	42	4	0.53	0.53	0.04
Southwest	39	0	0.32	0.32	-0.16
S. Central(8)	41	1	0.18	0.18	-0.27
Southeast	46	7	0.59	0.59	0.00

¹ Precipitation amounts may vary due to an inaccurate snowfall melt. ² Normal is the 1971-2000 average. 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 10, 2011**

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.....	48	21	0.76	0.76	0.37
Williston.....	52	24	0.67	0.67	0.31
Mohall.....	50	23	0.73	0.73	0.33
Minot.....	51	23	0.47	0.47	-0.07
(2) Baker.....	46	20	0.41	0.41	-0.02
Bottineau	49	19	0.46	0.46	0.06
Rugby.....	49	20	0.29	0.29	-0.13
(3) Cando	45	18	0.58	0.58	0.34
Cavalier.....	52	22	0.29	0.29	-0.07
Forest River....	53	29	0.43	0.43	0.07
Grand Forks....	55	31	0.78	0.78	0.41
Langdon	44	18	0.39	0.39	0.11
St. Thomas	53	30	0.80	0.80	0.44
(4) Hazen.....	53	25	0.40	0.40	-0.19
Turtle Lake.....	49	21	0.08	0.08	-0.41
Watford City....	54	22	0.59	0.59	0.17
(5) Carrington	46	24	0.20	0.20	-0.26
Harvey.....	50	23	0.39	0.39	0.15
Jamestown	53	26	0.20	0.20	-0.28
Robinson	48	23	0.16	0.16	-0.27
Streeter.....	56	23	0.30	0.30	-0.12
(6) Dazey.....	51	25	0.23	0.23	-0.23
Fargo.....	63	29	0.68	0.68	0.20
Hillsboro	58	30	0.68	0.68	0.15
(7) Beach.....	55	22	0.19	0.19	-0.28
Bowman	54	23	0.56	0.56	0.16
Dickinson.....	57	22	0.42	0.42	-0.15
Hettinger.....	62	19	0.11	0.11	-0.36
(8) Mandan	55	25	0.10	0.10	-0.35
Linton.....	60	24	0.25	0.25	-0.19
(9) Edgeley.....	66	27	0.27	0.27	-0.30
Oakes.....	64	28	0.72	0.72	0.12
Wyndmere	62	31	0.78	0.78	0.18

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