

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: April 18, 2011
For Week Ending: April 17, 2011
ND-CW1611

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

General: The average starting date for fieldwork is expected to be May 5, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. This date is seventeen days later than last year and fourteen days behind the five-year (2006-2010) average. The expected starting dates across the state ranged from May 1 in the southwest district to May 10 in the north central district. Freezing rain and snow late in the week added moisture to the already wet fields and calving yards. Flooding remained a problem across the state. Topsoil moisture supplies were rated 45 percent adequate and 55 surplus while subsoil moisture supplies were rated 1 percent short, 54 adequate, and 45 surplus.

Crops: Planting in most parts of North Dakota was pushed back again due to saturated fields and low soil temperatures. Activities during the week included marketing grain, as road conditions permitted, and preparing equipment for fieldwork.

Livestock: Calf health became a concern for some cattle producers this week, as the cold and wet weather continued. Calving was 67 percent complete, while lambing was 83 percent complete. Cow conditions were rated 1 percent poor, 20 fair, 72 good, and 7 excellent. Calf conditions were rated 2 percent poor, 21 fair, 72 good, and 5 excellent. Sheep conditions were rated 1 percent poor, 17 fair, 75 good, and 7 excellent. Lamb conditions were rated 2 percent poor, 18 fair, 74 good, and 6 excellent. Shearing was 87 percent complete. Hay and forage supplies were rated 1 percent very short, 9 percent short, 83 adequate, and 7 surplus. The grain and concentrate supply was rated 1 percent very short, 8 short, 89 adequate, and 2 surplus. Pastures and ranges were rated 93 percent still dormant.

**Livestock Condition
North Dakota: April 17, 2011**

Livestock	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Cows	0	1	20	72	7
Calves	0	2	21	72	5
Sheep	0	1	17	75	7
Lambs	0	2	18	74	6

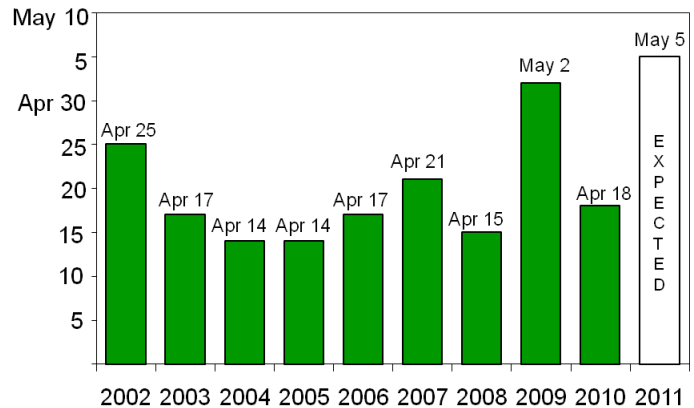
Planting Percent Completed – North Dakota

(Progress is based on current intended acreage.)

Crop	April 17, 2011 (percent)	April 10, 2011 (percent)	April 17, 2010 (percent)	2006- 2010 Average (percent)
Small Grains				
Barley.....	0	0	2	2
Durum wheat.....	0	0	0	2
Spring wheat.....	0	0	4	4
Oats.....	0	0	1	3
Other Crops				
Canola	0	(NA)	0	1
Dry edible peas.....	0	0	1	3
Sugarbeets.....	0	0	18	4

(NA) Not available.

**Average Start Date for Fieldwork
North Dakota**



Soil Temperatures: On April 10, average soil temperatures ranged from a low of 31 degrees F in Baker, Bowbells and Rolla to a high of 40 degrees F in Bowman. Last year on April 18, average soil temperatures ranged from 42 degrees F to 54 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 17, 2011

Station	Temperature (degrees F)	Station	Temperature (degrees F)
NORTHWEST			
Bowbells.....	31	CENTRAL	
Minot	32	Carrington.....	32
Williston.....	33	Robinson.....	32
NORTH CENTRAL			
Baker.....	31	Streeter	32
Bottineau.....	33	EAST CENTRAL	
Rolla.....	31	Dazey	32
NORTHEAST			
Cavalier.....	32	Fargo.....	34
Grand Forks	34	SOUTHWEST	
Langdon	32	Bowman	40
WEST CENTRAL			
Turtle Lake	32	Dickinson.....	35
Watford City.....	35	SOUTH CENTRAL	
		Linton	32
		SOUTHEAST	
		Oakes.....	33
		Wyndmere.....	39

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

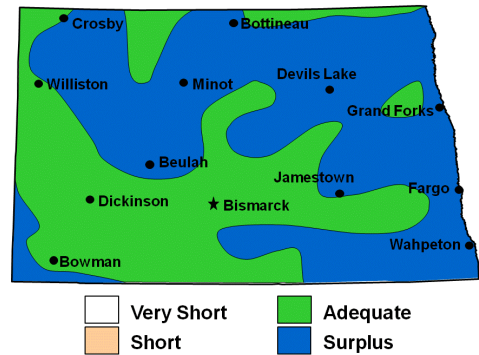
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Soil Moisture Supplies – North Dakota

Item	April 17, 2011	April 10, 2011	April 17, 2010	2006-2010 Average
	(percent)	(percent)	(percent)	(percent)
Topsoil				
Very Short	0	0	0	7
Short	0	0	5	12
Adequate	45	47	79	64
Surplus	55	53	16	17
Subsoil				
Very Short	0	0	0	8
Short	1	1	4	18
Adequate	54	57	80	60
Surplus	45	42	16	14

Topsoil Moisture Supplies North Dakota, April 17, 2011



Weather: Temperatures were below normal statewide this past week. Precipitation was above normal in the east and near normal elsewhere. Monday was dry with highs in the 50s to low 60s. Highs on Tuesday were in the 30s to 40s with dry conditions. Wednesday was dry with highs in the 30s to 40s. Highs on Thursday were in the 30s and 40s with rain and snow in the southern and western areas of the state. There was snow across much of the central and east on Friday and rain and snow in the southeast. Highs on Friday were in the upper 20s to mid-40s. Total snowfall accumulations for Thursday and Friday ranged from 2 to 11 inches across the central and northeast parts of the state. Highs on Saturday were in the 30s to low 50s with a few snow showers in the east. There were snow showers across the state on Sunday with snow accumulations up to 2 inches mainly in the central part of the state. Highs on Sunday were in the 30s to low 40s.

Outlook, April 18-24: Temperatures will be below normal statewide this week. Precipitation will be near to above normal. The best chance for above normal precipitation will be in the southern part of the state. Highs on Monday will be in the mid-30s to low 40s with a chance of snow in the east and a chance of rain or snow in the central and west. There will be a chance of snow across the state on Tuesday with highs in the 30s to low 40s. Highs on Wednesday will be in the upper 30s to mid-40s with a chance of snow statewide. Highs on Thursday will be in the 40s with a chance of rain across much of the state. There will be a chance of rain or snow in the east and a chance of rain in the central and west on Friday. Highs on Friday will be in the 40s to low 50s. Highs on Saturday will be in the mid-40s to mid-50s with a chance of rain across much of the state. Highs on Sunday will be in the upper 40s to low 60s with a few showers in the central and east.

Temperature & Precipitation: Districts and Stations North Dakota, Week ending April 17, 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(1)	41	1	0.14	0.80	0.09
N. Central(2)	40	1	0.10	0.48	-0.21
Northeast (3)	41	0	0.39	0.94	0.37
W. Central(4)	43	1	0.20	0.56	-0.30
Central (5)	40	-1	0.15	0.40	-0.28
E. Central(6)	43	1	0.35	0.88	0.09
Southwest(7)	44	2	0.29	0.61	-0.22
S. Central(8)	43	0	0.16	0.34	-0.44
Southeast(9)	43	1	0.25	0.84	-0.14

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 17, 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.....	57	24	0.13	0.89	0.22
Williston.....	65	26	0.12	0.79	0.22
Mohall.....	59	23	0.16	0.89	0.21
Minot.....	58	23	0.14	0.61	-0.28
(2) Baker.....	59	22	0.12	0.53	-0.18
Bottineau	59	21	0.07	0.53	-0.15
Rugby.....	60	23	0.10	0.39	-0.31
(3) Cando	57	24	0.11	0.69	0.25
Cavalier	64	21	0.37	0.66	0.07
Forest River....	61	24	0.44	0.87	0.26
Grand Forks....	61	26	0.95	1.73	1.08
Langdon	56	20	0.13	0.52	0.03
St. Thomas	61	23	0.34	1.14	0.53
(4) Hazen.....	65	23	0.32	0.72	-0.29
Turtle Lake.....	62	22	0.10	0.18	-0.66
Watford City....	66	25	0.18	0.77	0.06
(5) Carrington	62	14	0.19	0.39	-0.40
Harvey.....	63	18	0.13	0.52	0.13
Jamestown	63	19	0.01	0.21	-0.57
Robinson	64	20	0.20	0.36	-0.38
Streeter.....	64	20	0.20	0.50	-0.20
(6) Dazey.....	61	24	0.17	0.40	-0.34
Fargo.....	61	28	0.40	1.08	0.32
Hillsboro	61	25	0.49	1.17	0.29
(7) Beach.....	65	25	0.32	0.51	-0.31
Bowman	64	24	0.24	0.80	0.12
Dickinson.....	66	24	0.20	0.62	-0.37
Hettinger.....	65	23	0.39	0.50	-0.33
(8) Mandan	68	23	0.17	0.27	-0.53
Linton.....	66	16	0.15	0.40	-0.34
(9) Edgeley	63	21	0.19	0.46	-0.46
Oakes.....	63	25	0.37	1.09	0.08
Wyndmere	63	28	0.19	0.97	-0.04

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.