

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: April 25, 2011
For Week Ending: April 24, 2011
ND-CW1711

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 6, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. This date is eighteen days later than last year and fifteen days behind the five-year (2006-2010) average. The expected starting dates across the state ranged from May 2 in the south central district to May 9 in the north central district. The wet spring weather continued in the form of scattered rain, freezing rain, and snow. Warmer, dry weather over the weekend brought some relief; however, flooding remained a major concern for many producers. Topsoil moisture supplies were rated 47 percent adequate and 53 surplus while subsoil moisture supplies were rated 53 percent adequate and 47 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: The improved weather conditions over the weekend gave cattle producers welcome relief, though some calves were showing signs of stress and sickness. Calving was 76 percent complete, while lambing was 87 percent complete. Cow conditions were rated 2 percent poor, 21 fair, 68 good, and 9 excellent. Calf conditions were rated 3 percent poor, 22 fair, 66 good, and 9 excellent. Sheep conditions were rated 2 percent poor, 20 fair, 70 good, and 8 excellent. Lamb conditions were rated 4 percent poor, 20 fair, 70 good, and 6 excellent. Shearing was 92 percent complete. Hay and forage supplies were rated 1 percent very short, 11 short, 81 adequate, and 7 surplus. The grain and concentrate supply was rated 1 percent very short, 7 short, 87 adequate, and 5 surplus. Pastures and ranges were rated 84 percent still dormant.

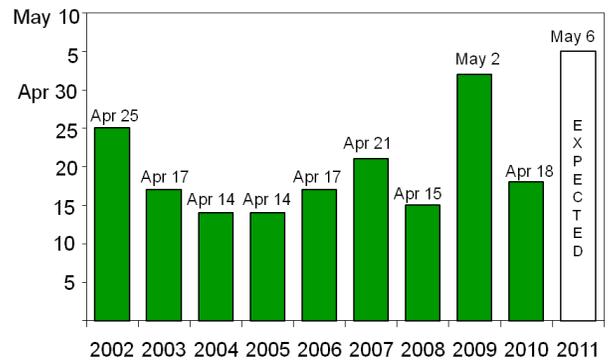
Soil Temperatures: On April 24, average soil temperatures ranged from a low of 39 degrees F in Robinson to a high of 49 degrees F in Cavalier. Last year on April 25, average soil temperatures ranged from 45 degrees F to 58 degrees F. These readings reflect daily average temperatures under 4 inches of bare soil recorded by the North Dakota Agricultural Weather Network (NDAWN).

Average Soil Temperatures*: April 24, 2011

Station	Temperature (degrees F)	Station	Temperature (degrees F)
NORTHWEST			
Bowbells.....	41	CENTRAL	
Minot.....	44	Carrington.....	45
Williston.....	46	Robinson.....	39
NORTH CENTRAL			
Baker.....	44	Streeter.....	42
Bottineau.....	41	EAST CENTRAL	
Rolla.....	41	Dazey.....	44
NORTHEAST			
Cavalier.....	49	Fargo.....	45
Grand Forks.....	47	SOUTHWEST	
Langdon.....	40	Bowman.....	41
WEST CENTRAL			
Turtle Lake.....	45	Dickinson.....	45
Watford City.....	46	SOUTH CENTRAL	
		Linton.....	44
		SOUTHEAST	
		Oakes.....	46
		Wyndmere.....	48

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

**Average Start Date for Fieldwork
North Dakota**



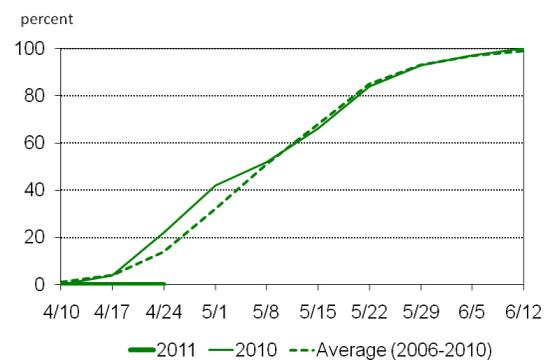
Planting Percent Completed – North Dakota

(Progress is based on current intended acreage.)

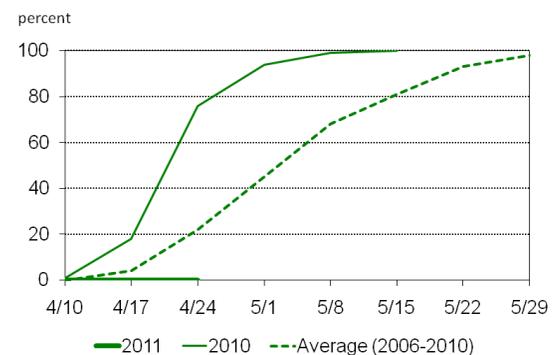
Crop	April 24, 2011	April 17, 2011	April 24, 2010	2006- 2010 Average
	(percent)	(percent)	(percent)	(percent)
Small Grains				
Barley.....	0	0	12	9
Durum wheat.....	0	0	3	5
Spring wheat.....	0	0	22	14
Oats.....	0	0	10	12
Other Crops				
Canola.....	0	0	3	3
Dry edible peas.....	0	0	14	12
Sugarbeets.....	0	0	76	22

(NA) Not available.

**Spring Wheat Planted
North Dakota**



**Sugarbeets Planted
North Dakota**



**Livestock Condition
North Dakota: April 24, 2011**

Livestock	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Cows.....	0	2	21	68	9
Calves.....	0	3	22	66	9
Sheep.....	0	2	20	70	8
Lambs.....	0	4	20	70	6

~ Compiled and Published by ~

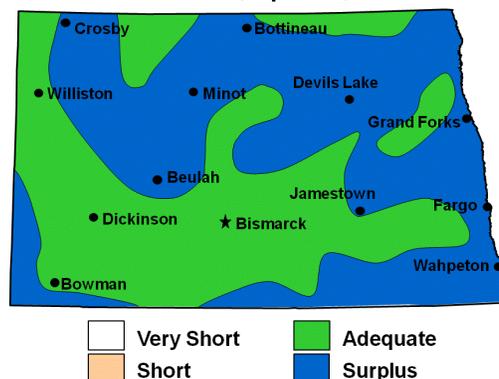
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Soil Moisture Supplies – North Dakota

Item	April 24, 2011	April 17, 2011	April 24, 2010	2006-2010 Average
	(percent)	(percent)	(percent)	(percent)
Topsoil				
Very Short	0	0	0	6
Short	0	0	8	13
Adequate	47	45	80	65
Surplus	53	55	12	16
Subsoil				
Very Short	0	0	0	8
Short	0	1	4	17
Adequate	53	54	83	62
Surplus	47	45	13	13

Topsoil Moisture Supplies
 North Dakota, April 24, 2011



Weather: Temperatures were below normal statewide. Precipitation was above normal across much of the state. There were a few showers in the far east and southwest on Monday with highs in the 30s to low 40s. Highs on Tuesday were in the upper 20s to mid-40s with showers across all but the far northern areas of the state. There were a few showers in the east on Wednesday with highs in the 40s to low 50s. Highs on Thursday were in the 40s to low 60s with dry conditions in the far north and showers elsewhere. There was rain across much of the state on Friday with a snow in parts of the southwest and south central. Highs on Friday were in the upper 30s to 40s. There were a few showers in the north central and northeast on Saturday with highs in the 50s. Sunday was dry with highs in the 50s to low 60s.

Outlook, April 25 - May 1: Temperatures will be near to below normal this upcoming week. Precipitation will be near to above normal across much of the state. Temperatures will start out near normal and drop below normal by later in the week. The best chance for above normal precipitation will occur later in the week. There will be a chance for showers statewide on Monday with highs in the upper 50s to mid-60s. Highs on Tuesday will be in the mid-50s to low 60s with a chance of rain or snow showers in the southwest and rain showers elsewhere. The chance of showers will continue in the central and west on Wednesday with highs in the mid-50s to low 60s. Highs on Thursday will be in the mid-50s to mid-60s with a chance of showers in the central and east. There will be a chance of showers across the state on Friday with highs in the upper 40s to low 60s. Highs on Saturday will be in the 40s to 50s with a chance of rain or snow in the west and rain elsewhere. There will be a chance for rain or snow statewide on Sunday with highs in the mid-40s to mid-50s.

Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending April 24, 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)	42	-1	0.10	0.90	-0.13
N. Central(2)	41	-1	0.20	0.68	-0.33
Northeast(3)	43	-1	0.30	1.23	0.39
W. Central(4)	41	-4	0.36	0.92	-0.31
Central (5)	42	-3	0.61	1.00	0.01
E. Central(6)	45	0	0.51	1.40	0.25
Southwest(7)	36	-8	1.00	1.60	0.36
S. Central(8)	44	-1	1.18	1.52	0.37
Southeast(9)	45	0	0.70	1.54	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 24, 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.....	61	22	0.05	0.94	-0.06
Williston.....	63	23	0.01	0.80	-0.05
Mohall.....	61	24	0.09	0.98	-0.02
Minot.....	61	22	0.26	0.87	-0.40
(2) Baker.....	61	22	0.34	0.87	-0.17
Bottineau.....	61	22	0.18	0.71	-0.27
Rugby.....	62	22	0.08	0.47	-0.56
(3) Cando.....	61	26	0.16	0.85	0.16
Cavalier.....	67	18	0.16	0.82	-0.05
Forest River....	62	23	0.41	1.28	0.39
Grand Forks....	62	29	0.69	2.42	1.49
Langdon.....	59	23	0.18	0.70	-0.06
St. Thomas.....	63	27	0.19	1.33	0.44
(4) Hazen.....	64	18	0.49	1.21	-0.22
Turtle Lake.....	63	19	0.26	0.44	-0.75
Watford City....	63	22	0.33	1.10	0.04
(5) Carrington.....	63	19	0.34	0.73	-0.41
Harvey.....	63	22	0.34	0.86	0.26
Jamestown.....	63	22	0.83	1.04	-0.09
Robinson.....	63	21	0.82	1.18	0.09
Streeter.....	62	24	0.70	1.20	0.18
(6) Dazey.....	63	25	0.51	0.91	-0.15
Fargo.....	62	30	0.58	1.66	0.55
Hillsboro.....	63	29	0.45	1.62	0.34
(7) Beach.....	61	14	0.69	1.20	-0.04
Bowman.....	61	11	0.81	1.61	0.58
Dickinson.....	62	9	0.97	1.59	0.15
Hettinger.....	61	11	1.51	2.01	0.76
(8) Mandan.....	65	25	1.24	1.51	0.30
Linton.....	63	25	1.12	1.52	0.43
(9) Edgeley.....	63	26	0.91	1.37	0.04
Oakes.....	63	29	0.58	1.67	0.24
Wyndmere.....	61	30	0.62	1.59	0.15

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