

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



USDA, NASS
North Dakota
Field Office

Released: May 2, 2011
For Week Ending: May 1, 2011
ND-CW1811

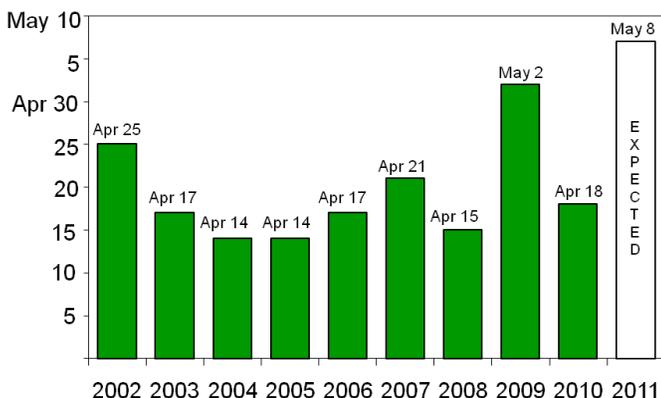
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General: The average starting date for fieldwork is expected to be May 8, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. This date is twenty days later than last year and seventeen days behind the five-year (2006-2010) average. The expected average starting dates across the state ranged from April 30 in the south central district to May 12 in the north central district. Weather conditions were favorable for most of the week, though rain, snow, and cold temperatures returned over the weekend to further delay fieldwork in several areas. Topsoil moisture supplies were rated 1 percent short, 43 adequate, and 56 surplus while subsoil moisture supplies were rated 53 percent adequate and 47 surplus. Statewide, on average, there were 1.4 days suitable for fieldwork.

Crops: Planting began in a few counties this week, as some operations with dry light, sandy soil were able to begin fieldwork. Spring wheat and sugarbeets each reached 1 percent planted statewide. Other activities during the week included tilling fields and preparing equipment for fieldwork.

Livestock: The weekend winter storms hit many livestock producers hard. Stressed calves as well as missing or dead cattle were major concerns for some producers. Calving was 83 percent complete, while lambing was 92 percent complete. Cow conditions were rated 4 percent poor, 23 fair, 64 good, and 9 excellent. Calf conditions were rated 5 percent poor, 25 fair, 60 good, and 10 excellent. Sheep conditions were rated 4 percent poor, 23 fair, 65 good, and 8 excellent. Lamb conditions were rated 5 percent poor, 25 fair, 64 good, and 6 excellent. Shearing was 95 percent complete. Hay and forage supplies were rated 2 percent very short, 17 short, 75 adequate, and 6 surplus. The grain and concentrate supply was rated 1 percent very short, 9 short, 85 adequate, and 5 surplus. Pastures and ranges were rated 65 percent still dormant.

**Average Start Date for Fieldwork
North Dakota**



**Livestock Condition
North Dakota: May 1, 2011**

Livestock	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Cows	-	4	23	64	9
Calves	-	5	25	60	10
Sheep	-	4	23	65	8
Lambs	-	5	25	64	6

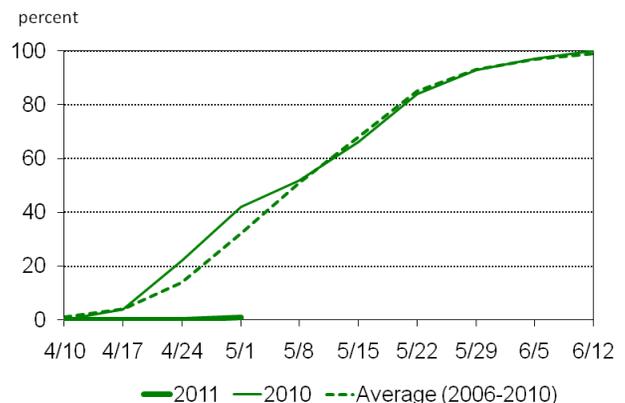
- Represents zero.

Planting Percent Completed – North Dakota
(Progress is based on current intended acreage.)

Crop	May 1, 2011 (percent)	April 24, 2011 (percent)	May 1, 2010 (percent)	2006- 2010 Average (percent)
Small Grains				
Barley	-	-	29	25
Durum wheat	-	-	12	15
Spring wheat	1	-	42	32
Oats	-	-	25	27
Other Crops				
Canola	-	-	15	13
Corn	-	-	42	17
Dry edible beans	-	(NA)	6	1
Dry edible peas	-	-	37	32
Flaxseed	-	(NA)	3	6
Potatoes	-	(NA)	52	17
Soybeans	-	(NA)	4	1
Sugarbeets	1	-	94	45
Sunflower	-	(NA)	1	1

- Represents zero. (NA) Not available.

**Spring Wheat Planted
North Dakota**



Soil Temperatures: On May 1, average soil temperatures ranged from a low of 34 degrees F in Langdon and Rolla to a high of 40 degrees F in Fargo, Grand Forks, and Streeter. These readings reflect daily average temperatures under 4 inches of bare soil recorded by the North Dakota Agricultural Weather Network (NDAWN).

Average Soil Temperatures*: May 1, 2011

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

*Thermometers located 4 inches under bare soil.

Source: NDAWN, Department of Soil Science, NDSU.

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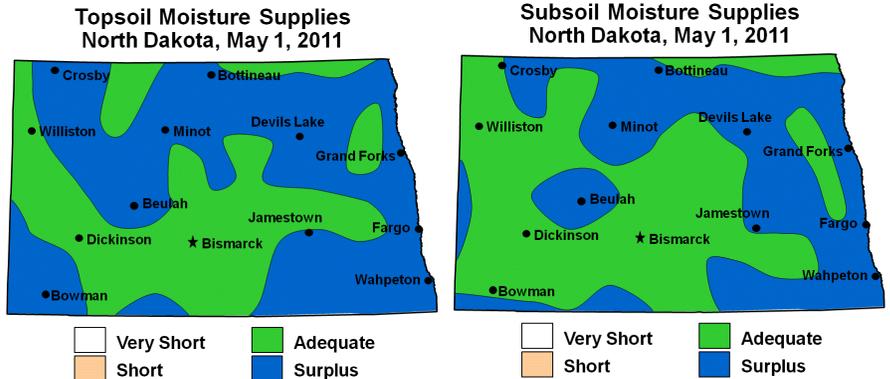
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NORTH DAKOTA CROP WEATHER REPORT, Week Ending May 1, 2011

Soil Moisture Supplies – North Dakota

Date	May 1, 2011	April 24, 2011	May 1, 2010	2006-2010 Average
	(percent)	(percent)	(percent)	(percent)
Topsoil				
Very Short ...	-	-	-	6
Short	1	-	4	12
Adequate.....	43	47	82	65
Surplus.....	56	53	14	17
Subsoil				
Very Short ...	-	-	-	8
Short	-	-	1	16
Adequate.....	53	53	87	62
Surplus.....	47	47	12	14

- Represents zero.



Weather: Temperatures were below normal across much of the state this past week. Precipitation was above normal in parts of the northern and western areas of the state and near to below normal elsewhere. High temperatures on Monday were in the 60s to low 70s with a few showers in the southeast. There were showers in parts of the central and west on Tuesday with highs in the 50s to mid-60s. Highs on Wednesday were in the 50s to mid-60s with showers in the southern and western parts of the state. Thursday was dry with highs in the 60s to low 70s. Highs on Friday were in the upper 40s to low 70s with showers across much of the state. There was snow in the west and rain and snow in the east on Saturday with highs in the 30s to mid-50s. Heavy snow fell in parts of the northern and western parts of the state. Snowfall totals ranged from 2 inches in parts of the northeast to over 12 inches in parts of the northwest. Highs on Sunday were in the 30s to low 50s with snow showers in parts of the central and east.

Outlook, May 2-8: Temperatures will be below normal this upcoming week. Precipitation will be near to above normal across much of the state. Monday will be dry with highs in the 50s to low 60s. There will be a chance of showers and thunderstorms in the northwest on Tuesday with highs in the upper 50s to mid-60s. Highs on Wednesday will be in the mid-50s to low 60s with a chance of showers statewide. There will be a chance of showers in the central and east on Thursday with highs in the mid-50s to mid-60s. Highs on Friday will be in the mid-50s to mid-60s with a chance of showers in the northern and eastern areas of the state. There will be a chance of showers statewide on Saturday with highs in the mid-50s to mid-60s. Highs on Sunday will be in the 60s with a chance of showers in the central and west.

Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending May 1, 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)	45	-1	0.54	1.44	0.04
N. Central(2)	44	-2	0.15	0.84	-0.54
Northeast(3)	45	-2	0.47	1.70	0.52
W. Central(4)	45	-3	0.41	1.33	-0.29
Central (5)	46	-2	0.29	1.29	-0.06
E. Central(6)	47	-1	0.16	1.56	0.01
Southwest(7)	46	-1	0.59	2.19	0.50
S. Central(8)	46	-2	0.14	1.65	0.08
Southeast(9)	47	-1	0.30	1.84	-0.03

(NA) Not Available 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 May 1, 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.....	68	25	0.31	1.25	-0.12
Williston.....	68	25	1.02	1.82	0.66
Mohall.....	67	24	0.45	1.43	0.08
Minot.....	67	23	0.38	1.25	-0.44
(2) Baker.....	68	22	0.14	1.01	-0.38
Bottineau.....	68	22	0.30	1.01	-0.32
Rugby.....	67	22	0.02	0.49	-0.91
(3) Cando.....	66	23	1.54	2.39	1.38
Cavalier.....	70	23	0.26	1.08	-0.13
Forest River....	70	24	0.48	1.76	0.52
Grand Forks....	69	25	0.11	2.53	1.25
Langdon.....	66	20	0.11	0.81	-0.28
St. Thomas.....	69	23	0.32	1.65	0.41
(4) Hazen.....	69	23	0.20	1.41	-0.44
Turtle Lake.....	68	22	0.10	0.54	-1.04
Watford City....	67	25	0.93	2.03	0.62
(5) Carrington.....	70	23	0.24	0.97	-0.59
Harvey.....	69	22	0.26	1.12	0.26
Jamestown.....	70	23	0.31	1.35	-0.15
Robinson.....	69	23	0.22	1.40	-0.10
Streeter.....	69	23	0.43	1.63	0.26
(6) Dazey.....	68	24	0.14	1.05	-0.40
Fargo.....	70	26	0.09	1.75	0.24
Hillsboro.....	70	25	0.26	1.88	0.18
(7) Beach.....	66	26	0.95	2.15	0.46
Bowman.....	65	28	0.69	2.30	0.86
Dickinson.....	67	25	0.46	2.05	0.15
Hettinger.....	66	27	0.24	2.25	0.53
(8) Mandan.....	69	24	0.09	1.60	-0.05
Linton.....	70	24	0.18	1.70	0.22
(9) Edgeley.....	71	25	0.46	1.83	0.03
Oakes.....	71	26	0.36	2.03	0.15
Wyndmere.....	66	26	0.08	1.67	-0.26

(NA) Not Available 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.