

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: May 7, 2012
For Week Ending: May 6, 2012

General: Fieldwork continued between rain showers, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Precipitation received was generally beneficial, although it slowed fieldwork in portions of the state. Statewide, on average, there were 4.6 days suitable for fieldwork. Topsoil moisture supplies were rated 5 percent short, 82 adequate, and 13 surplus. Subsoil moisture supplies were rated 7 percent short, 80 adequate, and 13 surplus.

Crops: Planting of small grains remained ahead of average and emergence followed suit, also ahead of the average pace of development. On Sunday, barley was 73 percent planted, ahead of 2 percent last year and the five-year (2007-2011) average of 32 percent. Emergence of barley advanced 15 percentage points from last week to 26 percent. Durum wheat was 55 percent planted and 19 percent emerged. Spring wheat was 82 percent planted and 41 percent emerged. Oats were 74 percent planted, compared with 4 percent last year and 33 percent on average. Emergence of oats reached 37 percent, an increase of 21 percentage points from last week. Canola planting advanced 34 percentage points to 51 percent. Corn was 57 percent planted, compared with 2 percent last year and 24 percent on average. Planting of dry peas advanced 26 percentage points to 70 percent planted. Potatoes were 47 percent planted, ahead of 1 percent last year and the average of 21 percent.

Livestock: Calving was 90 percent complete, while lambing was 95 percent complete. Hay and forage supplies were rated 3 percent short, 82 adequate, and 15 surplus. Grain and concentrate supply was rated 4 percent short, 88 adequate, and 8 surplus. Pastures and ranges were rated 10 percent still dormant. Pasture and range conditions were 2 percent very poor, 7 poor, 20 fair, 57 good, and 14 excellent.

Soil Temperatures: On May 6, average soil temperatures ranged from a low of 47 degrees F in Bowbells to a high of 58 degrees F in Carrington, Cavalier, Linton, and Oakes. Last year on May 8, average soil temperatures ranged from 50 degrees F to 62 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*: May 6, 2012

Station	Temperature (degrees F)	Station	Temperature (degrees F)
NORTHWEST			
Bowbells	47	CENTRAL	
Minot	52	Carrington	58
Williston	49	Robinson	52
NORTH CENTRAL			
Baker	53	Streeter	53
Bottineau	50	EAST CENTRAL	
Rolla	49	Dazey	55
NORTHEAST			
Cavalier	58	Fargo	57
Grand Forks	55	SOUTHWEST	
Langdon	54	Bowman	52
WEST CENTRAL			
Turtle Lake	53	Dickinson	54
Watford City	51	SOUTH CENTRAL	
		Linton	58
		SOUTHEAST	
		Oakes	58
		Wyndmere	57

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

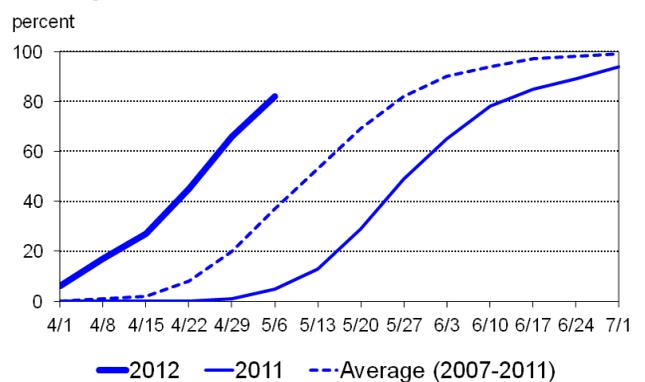
Crop Development Progress – North Dakota

(Crop development percents represent all acreage in or beyond each stage. Progress is based on current intended acreage.)

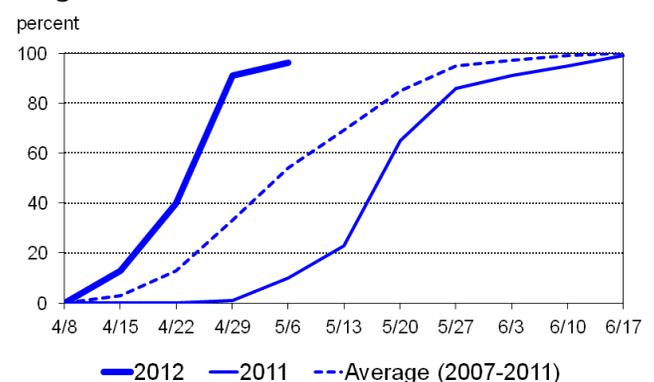
Crop	May 6, 2012	April 29, 2012	May 6, 2011	2007-2011 Average
	(percent)	(percent)	(percent)	(percent)
Barley				
Planted.....	73	55	2	32
Emerged	26	11	-	6
Durum wheat				
Planted.....	55	41	1	20
Emerged	19	12	-	3
Spring wheat				
Planted.....	82	66	5	37
Emerged	41	24	-	9
Oats				
Planted.....	74	56	4	33
Emerged	37	16	-	6
Canola				
Planted.....	51	17	2	21
Emerged	6	1	-	2
Corn, all				
Planted.....	57	24	2	24
Emerged	4	1	-	1
Dry edible beans				
Planted.....	2	1	-	2
Dry edible peas				
Planted.....	70	44	1	41
Emerged	19	9	-	5
Flaxseed				
Planted.....	37	25	1	11
Emerged	7	5	-	1
Potatoes				
Planted.....	47	21	1	21
Emerged	3	-	-	1
Soybeans				
Planted.....	11	1	-	2
Emerged	-	(NA)	-	-
Sugarbeets				
Planted.....	96	91	10	54
Emerged	11	5	-	5
Sunflower				
Planted.....	4	2	-	1

- Represents zero. (NA) Not available.

Spring Wheat Planted – North Dakota



Sugarbeets Planted – North Dakota



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NORTH DAKOTA CROP WEATHER REPORT, Week Ending May 6, 2012

**Soil Moisture Supplies
 North Dakota: May 6, 2012**

Date	May 6, 2012	April 29, 2012	May 6, 2011	2007-2011 Average
	(percent)	(percent)	(percent)	(percent)
Topsoil				
Very Short	-	1	-	5
Short	5	5	1	9
Adequate	82	81	51	63
Surplus	13	13	48	23
Subsoil				
Very Short	-	-	-	7
Short	7	8	-	14
Adequate	80	79	57	59
Surplus	13	13	43	20

- Represents zero.

The following links provides further weather-related information and maps for North Dakota:

North Dakota Climatology Working Group provides statewide precipitation maps for the previous week:
<http://www.ndsu.edu/ndsc>

National Weather Service's North Dakota Data:
<http://www.nws.noaa.gov/view/states.php?state=ND>

Weather: Temperatures were near normal in the west and central and above normal in the east. Precipitation was above normal across parts of the northwest, and below normal across much of the rest of the state. Highs on Monday were in the mid-60s to low 70s with a few showers in the southeast. There were scattered showers and thunderstorms in the central and northeast on Tuesday with highs in the upper 60s to mid 70s. Highs on Wednesday were in the mid-60s to 70s with showers and thunderstorms in the southern and eastern parts of the state. There were showers and thunderstorms across much of the west and central on Thursday with highs in the mid-60s to low 70s. Highs on Friday were in the mid-50s to low 70s with showers in parts of the northwest, central, and southeast. There were showers and thunderstorms across much of the west and central on Saturday with highs in the upper 50s to low 70s. Highs on Sunday were in the 50s to mid-70s with a few showers in the west.

Outlook, May 7-13: Temperatures will be near normal across much of the state. Precipitation will be below normal across much of the state. Highs on Monday will be in the mid-50s to low 60s with a chance of showers across much of the state. There will be a chance of showers in the east on Tuesday with highs in the mid-50s to low 60s. Wednesday will be dry with highs in the mid-60s to mid-70s. Highs on Thursday will be in the mid-60s to 70s with a chance of showers and thunderstorms in the west and central. There will be a chance of showers and thunderstorms in the east on Friday with highs in the upper 50s to mid-60s. Highs on Saturday will be in the mid-60s to low 70s with dry conditions. Sunday will be dry with highs in the upper 60s to mid-70s.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending May 6, 2012**

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)	52	2	0.69	3.01	1.27
N. Central(2)	53	3	0.50	1.99	0.27
Northeast(3)	54	3	0.25	1.17	-0.34
W. Central(4)	51	0	0.60	2.33	0.36
Central(5)	53	1	0.65	2.74	1.05
E. Central(6)	58	6	0.25	1.54	-0.40
Southwest(7)	51	1	0.55	2.59	0.50
S. Central(8)	53	2	0.66	2.83	0.87
Southeast(9)	59	7	0.28	3.41	1.09

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 6, 2012**

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	38	1.28	3.48	1.75
Williston	68	35	0.46	2.09	0.63
Mohall.....	67	37	0.58	3.21	1.51
Minot.....	67	38	0.42	3.27	1.21
(2) Baker.....	71	36	0.51	1.81	0.08
Bottineau	69	35	0.62	2.21	0.55
Rugby	70	38	0.37	1.94	0.18
(3) Cando	74	33	0.11	0.92	-0.42
Cavalier	71	37	0.64	1.77	0.23
Forest River	73	36	0.01	0.72	-0.86
Grand Forks....	73	42	0.18	1.35	-0.25
Langdon	68	36	0.25	0.95	-0.49
St. Thomas	71	37	0.32	1.32	-0.26
(4) Hazen.....	69	33	0.86	2.86	0.65
Turtle Lake.....	69	33	0.45	2.57	0.63
Watford City....	68	36	0.48	1.57	-0.20
(5) Carrington	73	35	0.29	1.92	-0.01
Harvey	72	34	0.55	2.71	1.57
Jamestown	73	36	0.96	2.79	0.93
Robinson	73	33	0.62	2.82	0.96
Streeter.....	74	34	0.84	3.48	1.81
(6) Dazey	73	36	0.46	2.15	0.30
Fargo	77	47	0.06	1.16	-0.75
Hillsboro	75	42	0.23	1.32	-0.74
(7) Beach.....	69	32	0.27	1.56	-0.55
Bowman	70	32	0.54	2.73	0.89
Dickinson	70	33	0.44	2.30	0.04
Hettinger.....	70	32	0.95	3.78	1.64
(8) Mandan	71	34	0.66	2.56	0.49
Linton.....	73	36	0.65	3.10	1.25
(9) Edgeley	75	40	0.50	3.57	1.30
Oakes	77	44	0.08	3.61	1.31
Wyndmere	75	45	0.27	3.06	0.67

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.