

# 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 17, 2012  
For Week Ending: April 15, 2012

**General:** Producers made progress planting crops despite widespread precipitation that occurred late last week, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Reporters commented that the rain was beneficial in most areas. Statewide, on average, there were 4.9 days suitable for fieldwork. Topsoil moisture supplies were rated 9 percent very short, 20 short, 58 adequate, and 13 surplus. Subsoil moisture supplies were rated 1 percent very short, 13 short, 74 adequate, and 12 surplus.

**Crops:** Seeding of barley progressed 10 percentage points to 17 percent planted, ahead of zero last year and the five-year (2007-2011) average. Durum wheat was 16 percent planted, compared with zero last year and 1 percent average. Spring wheat was 27 percent planted, compared with zero last year and the average of 2 percent. Oats progressed 12 percentage points to 24 percent planted, ahead of zero last year and 1 percent average. Planting of dry edible peas reached 13 percent planted, a gain of 10 percentage points from last week. Sugarbeets were 13 percent planted, compared with zero at this time last year and the average of 3. Other activities during the week included applying fertilizer.

**Livestock:** Calving was 69 percent complete, while lambing was 81 percent complete. Shearing was 90 percent complete. Cow conditions were rated 1 percent poor, 7 fair, 73 good, and 19 excellent. Calf conditions were rated 6 percent fair, 70 good, and 24 excellent. Sheep conditions were rated 7 percent fair, 70 good, and 23 excellent. Lamb conditions were rated 8 percent fair, 68 good, and 24 excellent.

Hay and forage supplies were rated 2 percent short, 79 adequate, and 19 surplus. The percentage of feed obtained from pasture and range was 19 percent for cattle and 16 percent for sheep. Grain and concentrate supply was rated 4 percent short, 81 adequate, and 15 surplus. Pastures and ranges were rated 36 percent still dormant.

## Livestock Condition North Dakota: April 15, 2012

Livestock	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Cows .....	-	1	7	73	19
Calves .....	-	-	6	70	24
Sheep .....	-	-	7	70	23
Lambs .....	-	-	8	68	24

- Represents zero.

## Crop Development Progress – North Dakota

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

Crop	April 15, 2012 (percent)	April 8, 2012 (percent)	April 15, 2011 (percent)	2007-2011 Average (percent)
<b>Barley</b>				
Planted.....	17	7	-	1
Emerged .....	1	(NA)	-	-
<b>Durum wheat</b>				
Planted.....	16	8	-	1
<b>Spring wheat</b>				
Planted.....	27	17	-	2
Emerged .....	5	3	-	-
<b>Oats</b>				
Planted.....	24	12	-	1
Emerged .....	3	-	-	-
<b>Canola</b>				
Planted.....	2	1	-	-
<b>Corn, all</b>				
Planted.....	3	-	-	-
<b>Dry edible beans</b>				
Planted.....	-	(NA)	-	-
<b>Dry edible peas</b>				
Planted.....	13	3	-	1
<b>Flaxseed</b>				
Planted.....	3	(NA)	-	-
<b>Potatoes</b>				
Planted.....	3	1	-	3
<b>Soybeans</b>				
Planted.....	-	-	-	-
<b>Sugarbeets</b>				
Planted.....	13	-	-	3

- Represents zero. (NA) Not available.

**Soil Temperatures:** On April 15, average soil temperatures ranged from a low of 43 degrees F in Langdon to a high of 54 degrees F in Williston. Last year on April 17, average soil temperatures ranged from 31 degrees F to 40 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 15, 2012

Station	Temperature (degrees F)	Station	Temperature (degrees F)
<b>NORTHWEST</b>		<b>CENTRAL</b>	
Bowbells.....	44	Carrington .....	47
Minot .....	46	Robinson.....	46
Williston.....	54	Streeter .....	47
<b>NORTH CENTRAL</b>		<b>EAST CENTRAL</b>	
Baker.....	45	Dazey.....	48
Bottineau .....	44	Fargo .....	50
Rolla.....	45	<b>SOUTHWEST</b>	
<b>NORTHEAST</b>		Bowman.....	46
Cavalier.....	46	Dickinson .....	50
Grand Forks .....	50	<b>SOUTH CENTRAL</b>	
Langdon .....	43	Linton.....	49
<b>WEST CENTRAL</b>		<b>SOUTHEAST</b>	
Turtle Lake .....	47	Oakes .....	48
Watford City.....	52	Wyndmere.....	47

\*Thermometers located 4 inches under bare soil.

Source: NDAWN, Department of Soil Science, NDSU.

~ Compiled and Published by ~

OFFICIAL BUSINESS  
 Penalty for Private Use, \$300

ADDRESS SERVICE REQUESTED

**NORTH DAKOTA CROP WEATHER REPORT, Week Ending April 15, 2012**

**Soil Moisture Supplies  
 North Dakota: April 15, 2012**

Date	April 15, 2012	April 8, 2012	April 15, 2011	2007-2011 Average
	(percent)	(percent)	(percent)	(percent)
<b>Topsoil</b>				
Very Short..	9	12	-	7
Short .....	20	23	-	9
Adequate...	58	57	46	59
Surplus .....	13	8	54	25
<b>Subsoil</b>				
Very Short..	1	1	-	8
Short .....	13	16	1	16
Adequate...	74	72	55	56
Surplus .....	12	11	44	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 statewide. Precipitation was below normal in the west and above normal in the central and east. Monday and Tuesday were dry with highs in the 40s to low 50s. Highs on Wednesday were in the mid-40s to low 60s with dry conditions. There were showers and thunderstorms across the state on Thursday with highs in the mid-50s to mid-70s. Highs on Friday were in the mid-40s to mid-60s with showers and thunderstorms across the much of the central and east. There were a few showers in the south on Saturday with highs in the upper 50s to low 70s. There were showers across much of the state on Sunday with highs in the upper 40s to 50s.

**Outlook, April 16-22:** Temperatures will be near normal with near normal precipitation across the state. Highs on Monday will be in the 40s to low 50s with a chance of snow showers across parts of the west and central. There will be a chance of showers and thunderstorms in the west and central on Tuesday with highs in the mid-50s to low 60s. Highs on Wednesday will be in the mid-40s to 50s with a chance of snow showers in the northwest. There will be a chance of snow showers in the northwest and north central with a chance of rain showers elsewhere. Highs on Thursday will be in the mid-40s to low 50s. Highs on Friday will be in the upper 40s to 50s with a chance of rain or snow showers across much of the state. There will be a chance of rain or snow showers in the east and a chance of rain showers in the central on Saturday. Highs on Saturday will be in the mid-50s to mid-60s. Sunday will be dry with highs in the upper 50s to low 70s.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending April 15, 2012**

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1 <sup>1</sup>		
	Past Week	Depart Normal <sup>2</sup>	Past Week	Total	Depart Normal <sup>2</sup>
	(degrees F)	(degrees F)	(inches)	(inches)	(inches)
Northwest	43	3	0.74	0.88	0.21
N. Central	41	2	0.93	1.05	0.39
Northeast (3)	43	2	0.46	0.47	-0.06
W. Central	41	0	0.42	0.57	-0.23
Central	42	0	0.87	0.88	0.24
E. Central(6)	43	1	0.58	0.63	-0.12
Southwest	43	1	0.23	0.47	-0.31
S. Central(8)	40	-1	0.92	0.93	0.21
Southeast	43	1	2.11	2.11	1.19

<sup>1</sup> Precipitation amounts may vary due to an inaccurate snowfall melt. <sup>2</sup> 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 15, 2012**

Stations by District	Temperature past week		Seasonal precipitation beginning April 1 <sup>1</sup>		
	High	Low	Past week	Total	Depart normal <sup>2</sup>
	(degrees F)	(degrees F)	(inches)	(inches)	(inches)
(1) Bowbells.....	68	18	0.55	0.75	0.12
Williston .....	69	19	0.13	0.14	-0.40
Mohall.....	68	20	1.07	1.29	0.65
Minot.....	67	18	1.19	1.32	0.48
(2) Baker.....	66	18	0.85	0.85	0.18
Bottineau .....	67	14	0.97	1.24	0.60
Rugby .....	67	18	0.97	1.06	0.40
(3) Cando .....	66	21	0.57	0.57	0.16
Cavalier .....	69	13	0.55	0.55	0.00
Forest River .....	69	21	0.40	0.40	-0.17
Grand Forks....	69	20	0.34	0.37	-0.24
Langdon .....	64	16	0.43	0.43	-0.03
St. Thomas .....	67	22	0.48	0.48	-0.09
(4) Hazen.....	68	13	0.54	0.73	-0.22
Turtle Lake.....	66	16	0.70	0.79	0.00
Watford City....	69	19	0.03	0.19	-0.47
(5) Carrington .....	66	17	0.85	0.85	0.11
Harvey .....	68	17	0.80	0.81	0.45
Jamestown .....	67	17	0.84	0.84	0.11
Robinson .....	67	19	0.76	0.79	0.10
Streeter.....	66	16	1.08	1.10	0.44
(6) Dazey .....	67	20	0.58	0.72	0.02
Fargo .....	69	17	0.71	0.71	-0.01
Hillsboro .....	68	18	0.44	0.45	-0.38
(7) Beach.....	68	20	0.11	0.12	-0.65
Bowman .....	67	22	0.17	0.55	-0.09
Dickinson .....	65	20	0.10	0.45	-0.48
Hettinger.....	65	17	0.52	0.76	-0.01
(8) Mandan .....	65	16	0.73	0.74	-0.01
Linton.....	65	17	1.10	1.11	0.42
(9) Edgeley .....	66	15	1.53	1.53	0.66
Oakes .....	68	18	2.45	2.45	1.50
Wyndmere .....	70	21	2.35	2.35	1.40

<sup>1</sup> Precipitation amounts may vary due to an inaccurate snowfall melt. <sup>2</sup> Normal is the 1971-2000 average. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.