

# 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 14, 2012  
For Week Ending: May 13, 2012

**General:** Weather conditions were nearly ideal for planting during the week, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Crop development was aided by relatively dry conditions, however reporters indicated rain would be beneficial in some parts of the state. Statewide, on average, there were 6.3 days suitable for fieldwork. Topsoil moisture supplies were rated 1 percent very short, 18 short, 73 adequate, and 8 surplus. Subsoil moisture supplies were rated 1 percent very short, 14 short, 74 adequate, and 11 surplus.

**Crops:** Barley was 93 percent planted, 61 percent emerged. Durum wheat was at 76 percent, compared with 2 percent last year and the five-year (2007-2011) average of 32 percent. Forty-seven percent of Durum had emerged, ahead of 0 last year and 10 percent on average. Spring wheat was 94 percent planted and 69 percent emerged. Oats were 87 percent planted, compared with 12 percent last year and 52 percent on average. Emergence of oats reached 58 percent. Canola was 82 percent planted, ahead of 7 percent last year and 39 percent on average. Corn was 83 percent planted, an increase of 26 percentage points from last week. Dry peas were 88 percent planted, compared with 6 percent last year and 60 percent on average. Emergence of dry peas advanced 33 percentage points to 52 percent. Potatoes were 76 percent planted, compared with 3 percent last year and 34 percent on average. Planting of soybeans was 51 percent complete, an increase of 40 percentage points. Seventy-one percent of sugarbeets were emerged, an increase of 60 percentage points from last week. Spring wheat and oat conditions were generally good to excellent. Other agricultural activities included spraying herbicides.

**Livestock:** Calving was 93 percent complete. Pasture and range conditions were 1 percent very poor, 7 poor, 23 fair, 58 good, and 11 excellent.

**Soil Temperatures:** On May 6, average soil temperatures ranged from a low of 53 degrees F in Bowbells and Langdon to a high of 60 degrees F in Linton and Oakes. Last year on May 15, average soil temperatures ranged from 47 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\*: May 13, 2012**

Station	Temperature (degrees F)	Station	Temperature (degrees F)
<b>NORTHWEST</b>			
Bowbells .....	53	<b>CENTRAL</b>	
Minot .....	54	Carrington .....	58
Williston .....	55	Robinson .....	54
<b>NORTH CENTRAL</b>			
Baker .....	55	Streeter .....	56
Bottineau .....	54	<b>EAST CENTRAL</b>	
Rolla .....	56	Dazey .....	58
<b>NORTHEAST</b>			
Cavalier .....	55	Fargo .....	58
Grand Forks .....	59	<b>SOUTHWEST</b>	
Langdon .....	53	Bowman .....	54
<b>WEST CENTRAL</b>			
Turtle Lake .....	56	Dickinson .....	57
Watford City .....	55	<b>SOUTH CENTRAL</b>	
		Linton .....	60
		<b>SOUTHEAST</b>	
		Oakes .....	60
		Wyndmere .....	56

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

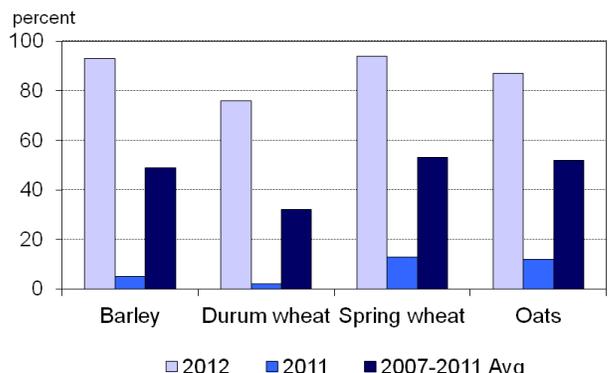
**Crop Development Progress – North Dakota**

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

Crop	May 13, 2012	May 6, 2012	May 13, 2011	2007-2011 Average
	(percent)	(percent)	(percent)	(percent)
<b>Barley</b>				
Planted.....	93	73	5	49
Emerged .....	61	26	-	18
Jointed .....	2	(NA)	-	-
<b>Durum wheat</b>				
Planted.....	76	55	2	32
Emerged .....	47	19	-	10
Jointed .....	2	(NA)	-	-
<b>Spring wheat</b>				
Planted.....	94	82	13	53
Emerged .....	69	41	1	23
Jointed .....	3	(NA)	-	-
<b>Oats</b>				
Planted.....	87	74	12	52
Emerged .....	58	37	1	19
Jointed .....	3	(NA)	-	-
<b>Canola</b>				
Planted.....	82	51	7	39
Emerged .....	26	6	-	11
<b>Corn, all</b>				
Planted.....	83	57	11	41
Emerged .....	28	4	-	7
<b>Dry edible beans</b>				
Planted.....	12	2	1	4
Emerged .....	-	(NA)	-	-
<b>Dry edible peas</b>				
Planted.....	88	70	6	60
Emerged .....	52	19	-	19
<b>Flaxseed</b>				
Planted.....	52	37	2	26
Emerged .....	9	7	-	4
<b>Potatoes</b>				
Planted.....	76	47	3	34
Emerged .....	6	3	-	2
<b>Soybeans</b>				
Planted.....	51	11	1	10
Emerged .....	3	-	-	-
<b>Sugarbeets</b>				
Emerged .....	71	11	-	18
<b>Sunflower</b>				
Planted.....	14	4	-	4
Emerged .....	-	(NA)	-	-

- Represents zero. (NA) Not available.

**Small Grains Planted  
North Dakota: May 13, 2012**



**Crop and Pasture Condition  
North Dakota: May 13, 2012**

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Spring Wheat .....	-	1	13	70	16
Oats .....	-	-	11	78	11
Pasture and range .....	1	7	23	58	11

- Represents zero.

~ Compiled and Published by ~

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**NORTH DAKOTA CROP WEATHER REPORT, Week Ending May 13, 2012**

**Soil Moisture Supplies  
 North Dakota: May 13, 2012**

Date	May 13, 2012	May 6, 2012	May 13, 2011	2007-2011 Average
	(percent)	(percent)	(percent)	(percent)
<b>Topsoil</b>				
Very Short ....	1	-	-	4
Short .....	18	5	1	11
Adequate .....	73	82	58	65
Surplus .....	8	13	41	20
<b>Subsoil</b>				
Very Short ....	1	-	-	6
Short .....	14	7	1	15
Adequate .....	74	80	56	60
Surplus .....	11	13	43	19

- 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/ndSCO>

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

**Weather:** Temperatures were near to below normal across parts of the west central and above normal across much of the rest of the state. Precipitation was near to above normal in parts of the northeast and below normal across the rest of the state. There were showers and thunderstorms across the central and east on Monday with highs in the mid-50s to mid-60s. Highs on Tuesday were in the mid-50s to mid-60s with showers in the east. Wednesday was dry with highs in the mid-60s to low 80s. There were a few showers and thunderstorms in the central and east on Thursday with highs in the mid-60s to mid-80s. Highs on Friday were in the upper 50s to low 70s with dry conditions. Saturday was dry with highs in the upper 60s to mid-70s. Highs on Sunday were in the upper 70s to low 80s with dry conditions.

**Outlook, May 14-20:** Temperatures will be above normal statewide. Precipitation will be near to above normal across much of the state. Highs on Monday will be in the low to mid-80s with a chance of a few showers or thunderstorms in parts of the north central and northeast. Tuesday will be dry with highs in the mid-60s to 70s. Highs on Wednesday will be in the mid-70s to mid-80s with dry conditions. There will be a chance of showers and thunderstorms in the southeast on Thursday with highs in the upper 70s to mid-80s. Highs on Friday will be in the upper 70s to mid-80s with a chance of showers and thunderstorms in the west. There will be a chance of showers and thunderstorms across much of the state on Saturday with highs in the mid-60s to 70s. Highs on Sunday will be in the mid-60s to low 70s with a chance of showers in the south.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending May 13, 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 .....	77	35	0.06	4.77	2.58
Williston.....	80	34	0.00	3.14	1.28
Mohall .....	78	38	1.86	6.14	4.00
Minot.....	78	38	0.04	4.42	1.87
(2) Baker.....	84	38	0.15	2.18	0.03
Bottineau.....	79	31	0.07	2.54	0.45
Rugby .....	86	37	0.17	2.39	0.16
(3) Cando.....	81	35	0.18	1.33	-0.47
Cavalier.....	82	39	0.26	2.61	0.62
Forest River ...	84	38	0.40	1.37	-0.67
Grand Forks ...	83	36	0.17	1.85	-0.18
Langdon.....	82	37	0.34	1.56	-0.36
St. Thomas.....	83	39	0.17	2.00	-0.04
(4) Hazen .....	79	29	0.06	3.82	1.17
Turtle Lake.....	80	36	0.10	3.80	1.43
Watford City ...	81	34	0.05	2.14	-0.06
(5) Carrington.....	81	35	0.09	2.67	0.25
Harvey .....	83	35	0.06	3.76	2.23
Jamestown.....	79	37	0.00	3.68	1.36
Robinson.....	80	34	0.02	4.22	1.88
Streeter .....	78	35	0.03	4.86	2.79
(6) Dazey .....	81	36	0.01	2.77	0.38
Fargo .....	83	38	0.11	1.47	-0.97
Hillsboro.....	82	34	0.05	1.63	-0.92
(7) Beach .....	79	30	0.00	2.49	-0.14
Bowman.....	78	31	0.00	3.93	1.56
Dickinson .....	78	30	0.00	3.18	0.44
Hettinger .....	78	31	0.00	5.40	2.70
(8) Mandan .....	82	33	0.12	3.59	1.01
Linton.....	81	36	0.02	4.19	1.85
(9) Edgeley .....	81	37	0.00	4.77	1.89
Oakes .....	82	39	0.18	4.64	1.84
Wyndmere.....	81	38	0.05	3.51	0.54

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending May 13, 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 (1)	57	4	0.49	4.62	2.43
N. Central (2)	59	6	0.13	2.37	0.21
Northeast (3)	59	5	0.25	1.79	-0.18
W. Central (4)	56	2	0.07	3.25	0.85
Central (5)	57	3	0.04	3.84	1.70
E. Central (6)	59	4	0.06	1.96	-0.50
Southwest (7)	54	1	0.00	3.75	1.14
S. Central (8)	58	3	0.07	3.89	1.43
Southeast (9)	59	4	0.08	4.31	1.42

<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.

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