

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 30, 2012
For Week Ending: April 29, 2012

General: Earlier in the week, ideal weather conditions throughout the state preserved the pace of planting, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Precipitation slowed fieldwork in some areas during the latter half of the week, according to reporters. Rain was beneficial in portions of the state as noted by reporters. Statewide, on average, there were 4.4 days suitable for fieldwork. Topsoil moisture supplies were rated 1 percent very short, 5 short, 81 adequate, and 13 surplus. Subsoil moisture supplies were rated 8 percent short, 79 adequate, and 13 surplus.

Crops: Planting of small grains and other crops continued well ahead of last year and their respective five-year (2007-2011) averages. Planting of barley reached 55 percent on Sunday, an increase of 26 percentage points from last week. Durum and spring wheat were 41 percent and 66 percent planted, respectively. Planting of oats reached 56 percent complete, which is an increase of 17 percentage points from last week. Corn was 24 percent planted, ahead of zero last year and 11 percent on average. Dry edible peas were 44 percent planted, compared with zero percent last year and 21 percent on average. Flaxseed was 25 percent planted, ahead of zero last year and 3 percent on average. Potatoes were 21 percent planted, compared with zero last year and the average of 12 percent. Planting of sugarbeets reached 91 percent, which is a gain of 51 percentage points from last week.

Livestock: Calving was 85 percent complete, while lambing was 92 percent complete. Shearing was 95 percent complete. Cow conditions were rated 1 percent poor, 6 fair, 75 good, and 18 excellent. Calf conditions were rated 6 percent fair, 71 good, and 23 excellent. Sheep conditions were rated 6 percent fair, 72 good, and 22 excellent. Lamb conditions were rated 1 percent poor, 7 fair, 67 good, and 25 excellent.

Hay and forage supplies were rated 2 percent short, 81 adequate, and 17 surplus. The percentage of feed obtained from pasture and range was 31 percent for cattle and 29 percent for sheep. Grain and concentrate supply was rated 4 percent short, 84 adequate, and 12 surplus. Pastures and ranges were rated 14 percent still dormant. Pasture and range conditions were 3 percent very poor, 10 poor, 19 fair, 57 good, and 11 excellent.

Soil Temperatures: On April 29, average soil temperatures ranged from a low of 44 degrees F in Baker and Bottineau to a high of 50 degrees F in Oakes. Last year on May 1, average soil temperatures ranged from 33 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 29, 2012

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

*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	April 29, 2012	April 22, 2012	April 29, 2011	2007-2011 Average
	(percent)	(percent)	(percent)	(percent)
Barley				
Planted.....	55	29	-	15
Emerged	11	4	-	1
Durum wheat				
Planted.....	41	35	-	10
Emerged	12	1	-	1
Spring wheat				
Planted.....	66	45	1	20
Emerged	24	12	-	2
Oats				
Planted.....	56	39	-	16
Emerged	16	6	-	1
Canola				
Planted.....	17	7	-	7
Emerged	1	-	-	-
Corn, all				
Planted.....	24	8	-	11
Emerged	1	-	-	-
Dry edible beans				
Planted.....	1	-	-	1
Dry edible peas				
Planted.....	44	27	-	21
Emerged	9	1	-	1
Flaxseed				
Planted.....	25	16	-	3
Emerged	5	(NA)	-	-
Potatoes				
Planted.....	21	9	-	12
Emerged	-	(NA)	-	-
Soybeans				
Planted.....	1	-	-	1
Sugarbeets				
Planted.....	91	40	1	33
Emerged	5	-	-	1
Sunflower				
Planted.....	2	(NA)	-	-

-Represents zero. (NA) Not available.

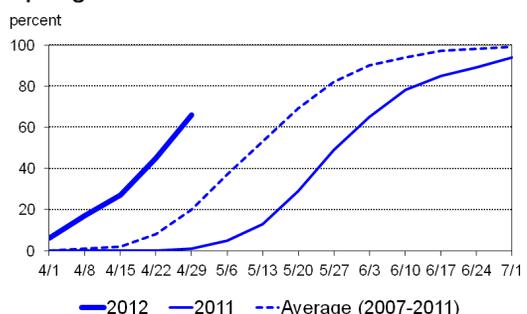
Livestock Condition

North Dakota: April 29, 2012

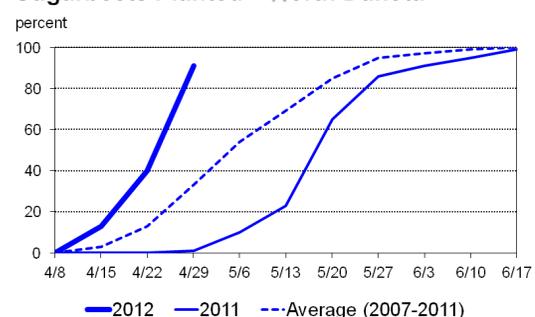
Livestock	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Cows	-	1	6	75	18
Calves	-	-	6	71	23
Sheep	-	-	6	72	22
Lambs	-	1	7	67	25

- Represents zero.

Spring Wheat Planted – North Dakota



Sugarbeets Planted – North Dakota



~ Compiled and Published by ~

OFFICIAL BUSINESS
 Penalty for Private Use, \$300

ADDRESS SERVICE REQUESTED

NORTH DAKOTA CROP WEATHER REPORT, Week Ending April 29, 2012

**Soil Moisture Supplies
 North Dakota: April 29, 2012**

Date	April 29, 2012	April 22, 2012	April 29, 2011	2007-2011 Average
	(percent)	(percent)	(percent)	(percent)
Topsoil				
Very Short..	1	6	-	6
Short	5	15	1	13
Adequate...	81	67	44	58
Surplus.....	13	12	55	23
Subsoil				
Very Short..	-	1	-	8
Short	8	12	-	15
Adequate...	79	76	53	57
Surplus.....	13	11	47	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 above normal across the south and near to above normal across the north. Precipitation was above normal across much of the west and central and below normal in the east. Monday was dry with highs in the 70s to 80s. There were a few showers in the south central and southeast on Tuesday with highs in the 70s to low 90s. Highs on Wednesday were in the mid-60s to low 80s with dry conditions. There were showers in parts of the west, central, and southeast on Thursday with highs in the upper 40s to upper 60s. Highs on Friday were in the 40s to 50s with showers across much of the state. Highs on Saturday were in the 40s to 50s with showers across much of the west, central, and southeast. A few snow showers mixed in with the rain in parts of the west on Saturday. There were scattered showers across the state on Sunday with highs in the upper 40s to low 60s.

Outlook, April 30–May 6: Temperatures will be above normal across much of the state. Precipitation will be near to above normal statewide. There will be a chance of showers and thunderstorms in the northwest and north central on Monday with highs in the mid-60s to low 70s. Highs on Tuesday will be in the mid-60s to mid-70s with a chance of showers and thunderstorms across much of the state. Wednesday will be dry with highs in the mid-60s to low 70s. Highs on Thursday will be in the 60s to low 70s with a chance of showers and thunderstorms across much of the northwest, central, and east. There will be a chance of showers and thunderstorms across much of the state on Friday and Saturday with highs in the 60s to low 70s. Highs on Sunday will be in the upper 50s to mid-60s with a chance of showers statewide.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending April 29, 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)	57	10	1.11	2.33	0.99
N. Central(2)	53	6	0.24	1.49	0.17
Northeast(3)	50	3	0.14	0.92	-0.21
W. Central(4)	59	10	0.80	1.74	0.18
Central(5)	55	7	0.99	2.09	0.79
E. Central(6)	52	4	0.30	1.29	-0.20
Southwest(7)	60	13	1.14	2.04	0.42
S. Central(8)	59	10	0.87	2.18	0.68
Southeast(9)	56	7	0.71	3.13	1.33

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 29, 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.....	84	28	1.23	2.20	0.89
Williston.....	87	34	1.04	1.63	0.52
Mohall.....	85	28	1.07	2.63	1.33
Minot.....	86	29	1.10	2.85	1.22
(2) Baker.....	80	26	0.19	1.30	-0.04
Bottineau.....	82	22	0.26	1.59	0.31
Rugby.....	81	27	0.28	1.57	0.23
(3) Cando.....	79	24	0.12	0.81	-0.15
Cavalier.....	77	24	0.06	1.13	-0.03
Forest River....	78	26	0.16	0.71	-0.48
Grand Forks....	76	29	0.26	1.17	-0.06
Langdon.....	76	21	0.08	0.70	-0.34
St. Thomas.....	75	25	0.19	1.00	-0.19
(4) Hazen.....	89	31	0.79	2.00	0.21
Turtle Lake.....	85	29	1.10	2.12	0.60
Watford City....	87	33	0.52	1.09	-0.27
(5) Carrington.....	80	27	0.58	1.63	0.13
Harvey.....	84	29	0.92	2.16	1.34
Jamestown.....	80	29	0.89	1.83	0.39
Robinson.....	84	30	1.33	2.20	0.76
Streeter.....	80	31	1.25	2.64	1.32
(6) Dazey.....	77	28	0.57	1.69	0.30
Fargo.....	76	31	0.10	1.10	-0.35
Hillsboro.....	76	29	0.24	1.09	-0.55
(7) Beach.....	87	34	0.93	1.29	-0.33
Bowman.....	87	33	1.20	2.19	0.81
Dickinson.....	88	35	0.88	1.86	0.02
Hettinger.....	87	32	1.55	2.83	1.18
(8) Mandan.....	88	32	0.82	1.90	0.32
Linton.....	85	32	0.92	2.45	1.03
(9) Edgeley.....	81	32	1.17	3.07	1.34
Oakes.....	81	34	0.72	3.53	1.72
Wyndmere.....	77	33	0.24	2.79	0.93

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.