

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 9, 2012
For Week Ending: April 8, 2012

General: Ideal weather conditions allowed fieldwork and planting activities to continue ahead of average, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. April 3 was maintained as the average start date for fieldwork, well ahead of the average. Seeding was prevalent in areas while fieldwork was delayed in parts of the state affected by precipitation. Statewide, on average, there were 5 days suitable for fieldwork. Topsoil moisture supplies were rated 12 percent very short, 23 short, 57 adequate, and 8 surplus. Subsoil moisture supplies were rated 1 percent very short, 16 short, 72 adequate, and 11 surplus.

Crops: Barley, Durum wheat, and oats were 7, 8, and 12 percent planted, respectively; ahead of none last year and none on average (2007-2011). Spring wheat was 17 percent planted, ahead of none last year and the average of 1 percent. Other activities during the week included applying chemicals, cultivating land, and applying fertilizer.

Livestock: Calving was 60 percent complete, while lambing was 76 percent complete. Shearing was 85 percent complete. Cow conditions were rated 1 percent poor, 9 fair, 74 good, and 16 excellent. Calf conditions were rated 6 percent fair, 77 good, and 17 excellent. Sheep conditions were rated 8 percent fair, 70 good, and 22 excellent. Lamb conditions were rated 7 percent fair, 69 good, and 24 excellent.

Hay and forage supplies were rated 2 percent short, 82 adequate, and 16 surplus. The percentage of feed obtained from pasture and range was 18 percent for cattle and 11 percent for sheep. Grain and concentrate supply was rated 4 percent short, 83 adequate, and 13 surplus. Pastures and ranges were rated 48 percent still dormant.

**Livestock Condition
North Dakota: April 8, 2012**

Livestock	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Cows	-	1	9	74	16
Calves	-	-	6	77	17
Sheep	-	-	8	70	22
Lambs	-	-	7	69	24

- Represents zero.

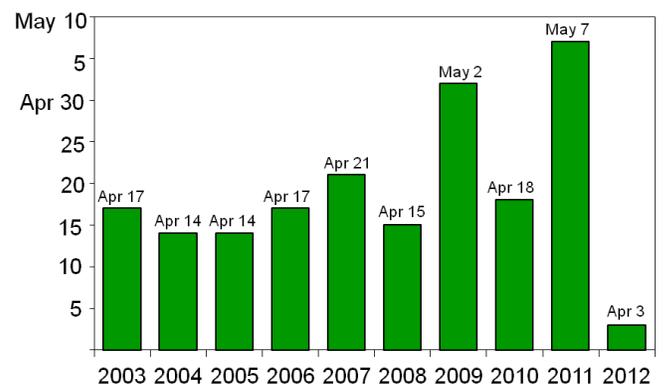
Crop Development Progress – North Dakota

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

Crop	April 8, 2012 (percent)	April 1, 2012 (percent)	April 8, 2011 (percent)	2007-2011 Average (percent)
Barley				
Planted.....	7	3	-	-
Durum wheat				
Planted.....	8	4	-	-
Spring wheat				
Planted.....	17	6	-	1
Emerged	3	(NA)	-	-
Oats				
Planted.....	12	6	-	-
Canola				
Planted.....	1	(NA)	-	-
Corn, all				
Planted.....	-	-	-	-
Dry edible peas				
Planted.....	3	2	-	-
Potatoes				
Planted.....	1	(NA)	-	-
Soybeans				
Planted.....	-	(NA)	-	-
Sugarbeets				
Planted.....	-	-	-	-

- Represents zero. (NA) Not available.

**Average Start Date for Fieldwork
North Dakota**



Soil Temperatures: On April 8, average soil temperatures ranged from a low of 39 degrees F in Langdon and Bottineau to a high of 51 degrees F in Linton. Last year on April 10, average soil temperatures ranged from 32 degrees F to 45 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 8, 2012

Station	Temperature (degrees F)	Station	Temperature (degrees F)
NORTHWEST		CENTRAL	
Bowbells.....	40	Carrington.....	47
Minot.....	43	Robinson.....	44
Williston.....	46	Streeter.....	47
NORTH CENTRAL		EAST CENTRAL	
Baker.....	43	Dazey.....	46
Bottineau.....	39	Fargo.....	48
Rolla.....	41	SOUTHWEST	
NORTHEAST		Bowman.....	42
Cavalier.....	47	Dickinson.....	45
Grand Forks.....	43	SOUTH CENTRAL	
Langdon.....	39	Linton.....	51
WEST CENTRAL		SOUTHEAST	
Turtle Lake.....	45	Oakes.....	50
Watford City.....	45	Wyndmere.....	46

*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 8, 2012

**Soil Moisture Supplies
 North Dakota: April 8, 2012**

Date	April 8, 2012	April 1, 2012	April 8, 2011	2007-2011 Average
	(percent)	(percent)	(percent)	(percent)
Topsoil				
Very Short..	12	10	-	6
Short	23	24	-	10
Adequate...	57	57	48	58
Surplus	8	9	52	26
Subsoil				
Very Short..	1	-	-	7
Short	16	16	1	16
Adequate...	72	70	59	58
Surplus	11	14	40	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/ndscw>

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

Weather: Precipitation was above normal in parts of the west central, south central, and northeast. Temperature was above normal statewide. There were showers and thunderstorms in the south and east on Monday with highs in the upper 40s to low 60s. Tuesday was dry with highs in the upper 50s to mid-60s. Highs on Wednesday were in the upper 50s to 60s with dry conditions. Thursday was dry with highs in the 60s to mid-70s. There were rain showers in the west and central on Friday with highs in the 60s. Saturday was dry with highs in the upper 40s to 50s. Highs on Sunday were in the 50s to low 60s with dry conditions.

Outlook, April 9-15: Precipitation will be near to below normal. Temperature will be near normal. Highs on Monday will be in the mid-30s to 40s with a chance of rain or snow showers in the north central and northeast. Tuesday will be dry with highs in the upper 30s to low 50s. Highs on Wednesday will be in the upper 40s to low 60s with dry conditions. There will be a chance of rain showers across the state Thursday through Saturday with highs in the mid-50s to low 60s. Highs on Sunday will be in the upper 40s to mid-50s with a chance of rain or snow showers in the northwest and north central with a chance of rain showers across the rest of the state.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending April 8, 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	48	11	0.14	0.14	-0.24
N. Central	46	11	0.12	0.12	-0.26
Northeast (3)	46	9	0.01	0.01	-0.29
W. Central	47	8	0.15	0.15	-0.30
Central	47	9	0.01	0.01	-0.36
E. Central(6)	47	10	0.05	0.05	-0.40
Southwest	47	8	0.24	0.24	-0.18
S. Central(8)	49	10	0.01	0.01	-0.39
Southeast	47	9	0.00	0.00	-0.54

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 8, 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.....	67	27	0.20	0.20	-0.15
Williston	70	30	0.01	0.01	-0.32
Mohall.....	67	29	0.22	0.22	-0.14
Minot.....	68	30	0.13	0.13	-0.36
(2) Baker.....	64	28	0.00	0.00	-0.39
Bottineau	67	25	0.27	0.27	-0.09
Rugby	66	28	0.09	0.09	-0.29
(3) Cando	61	27	0.00	0.00	-0.22
Cavalier	66	24	0.00	0.00	-0.33
Forest River....	66	30	0.00	0.00	-0.33
Grand Forks....	65	31	0.03	0.03	-0.30
Langdon	62	27	0.00	0.00	-0.25
St. Thomas	64	30	0.00	0.00	-0.33
(4) Hazen.....	71	20	0.19	0.19	-0.34
Turtle Lake.....	68	29	0.09	0.09	-0.35
Watford City....	71	28	0.16	0.16	-0.22
(5) Carrington	65	29	0.00	0.00	-0.42
Harvey	67	26	0.01	0.01	-0.21
Jamestown	66	31	0.00	0.00	-0.44
Robinson	66	29	0.03	0.03	-0.36
Streeter.....	66	30	0.02	0.02	-0.36
(6) Dazey	66	31	0.14	0.14	-0.28
Fargo	65	29	0.00	0.00	-0.44
Hillsboro	65	29	0.01	0.01	-0.47
(7) Beach.....	66	26	0.01	0.01	-0.41
Bowman	69	26	0.38	0.38	0.02
Dickinson	72	25	0.35	0.35	-0.16
Hettinger.....	72	21	0.24	0.24	-0.18
(8) Mandan	70	30	0.01	0.01	-0.39
Linton.....	68	28	0.01	0.01	-0.39
(9) Edgeley	67	26	0.00	0.00	-0.52
Oakes	68	29	0.00	0.00	-0.55
Wyndmere	64	32	0.00	0.00	-0.55

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.