

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 23, 2012
For Week Ending: April 22, 2012

General: The pace of planting gained momentum as it continued well ahead of average, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Although reporters indicated fieldwork was slowed by precipitation in localized portions of the state, vast areas remained in good condition for fieldwork. Statewide, on average, there were 4.0 days suitable for fieldwork. Topsoil moisture supplies were rated 6 percent very short, 15 short, 67 adequate, and 12 surplus. Subsoil moisture supplies were rated 1 percent very short, 12 short, 76 adequate, and 11 surplus.

Crops: At 29 percent planted, barley was over a month ahead of last year. Durum advanced 19 percentage points to 35 percent planted, about six weeks ahead of last year. Spring wheat and oats were 45 and 39 percent planted, respectively, both over a month ahead of last year. Dry edible peas were 27 percent planted, compared with zero percent last year and 7 percent on average. Flaxseed was 16 percent planted, compared with zero last year and zero on average. Sugarbeets were 40 percent planted, about 3 weeks ahead of last year and well ahead of 13 percent on average.

Livestock: Calving was 80 percent complete, while lambing was 88 percent complete. Shearing was 94 percent complete. Cow conditions were rated 1 percent poor, 7 fair, 72 good, and 20 excellent. Calf conditions were rated 6 percent fair, 68 good, and 26 excellent. Sheep conditions were rated 1 percent poor, 6 fair, 69 good, and 24 excellent. Lamb conditions were rated 1 percent poor, 6 fair, 66 good, and 27 excellent.

Hay and forage supplies were rated 2 percent short, 80 adequate, and 18 surplus. The percentage of feed obtained from pasture and range was 26 percent for cattle and 21 percent for sheep. Grain and concentrate supply was rated 4 percent short, 81 adequate, and 15 surplus. Pastures and ranges were rated 26 percent still dormant. Pasture and range conditions were 4 percent very poor, 12 poor, 21 fair, 52 good, and 11 excellent.

Soil Temperatures: On April 22, average soil temperatures ranged from a low of 42 degrees F in Langdon to a high of 53 degrees F in Williston, Linton, Fargo, and Dickinson. Last year on April 24, average soil temperatures ranged from 39 degrees F to 49 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 22, 2012

Station	Temperature (degrees F)	Station	Temperature (degrees F)
NORTHWEST			
Bowbells	46	CENTRAL	
Minot	46	Carrington	48
Williston	53	Robinson	47
NORTH CENTRAL			
Baker	46	Streeter	47
Bottineau	46	EAST CENTRAL	
Rolla	47	Dazey	47
NORTHEAST			
Cavalier	47	Fargo	53
Grand Forks	48	SOUTHWEST	
Langdon	42	Bowman	50
WEST CENTRAL			
Turtle Lake	49	Dickinson	53
Watford City	52	SOUTH CENTRAL	
		Linton	53
		SOUTHEAST	
		Oakes	50
		Wyndmere	50

*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 22, 2012	April 15, 2012	April 22, 2011	2007-2011 Average
	(percent)	(percent)	(percent)	(percent)
Barley				
Planted.....	29	17	-	5
Emerged	4	1	-	-
Durum wheat				
Planted.....	35	16	-	3
Emerged	1	-	-	-
Spring wheat				
Planted.....	45	27	-	8
Emerged	12	5	-	-
Oats				
Planted.....	39	24	-	6
Emerged	6	3	-	-
Canola				
Planted.....	7	2	-	1
Emerged	-	(NA)	-	-
Corn, all				
Planted.....	8	3	-	4
Dry edible beans				
Planted.....	-	-	-	-
Dry edible peas				
Planted.....	27	13	-	7
Emerged	1	(NA)	-	-
Flaxseed				
Planted.....	16	3	-	-
Potatoes				
Planted.....	9	3	-	7
Soybeans				
Planted.....	-	-	-	-
Sugarbeets				
Planted.....	40	13	-	13
Emerged	-	(NA)	-	-

- Represents zero. (NA) Not available.

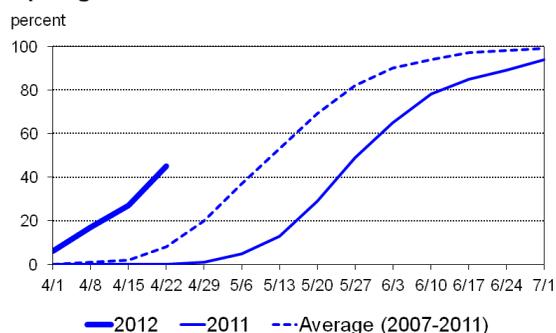
Livestock Condition

North Dakota: April 22, 2012

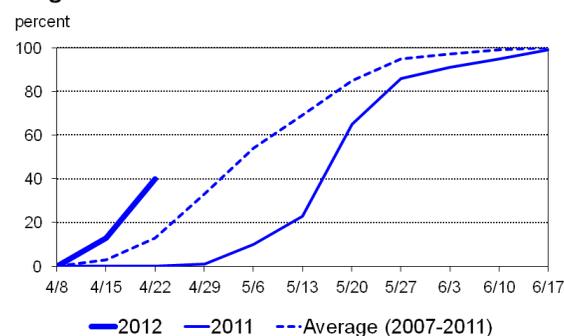
Livestock	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Cows	-	1	7	72	20
Calves	-	-	6	68	26
Sheep	-	1	6	69	24
Lambs	-	1	6	66	27

- Represents zero.

Spring Wheat Planted – North Dakota



Sugarbeets Planted – North Dakota



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NORTH DAKOTA CROP WEATHER REPORT, Week Ending April 22, 2012

**Soil Moisture Supplies
 North Dakota: April 22, 2012**

Date	April 22, 2012	April 15, 2012	April 22, 2011	2007-2011 Average
	(percent)	(percent)	(percent)	(percent)
Topsoil				
Very Short..	6	9	-	6
Short	15	20	-	11
Adequate...	67	58	46	59
Surplus.....	12	13	54	24
Subsoil				
Very Short..	1	1	-	8
Short	12	13	-	15
Adequate...	76	74	54	57
Surplus.....	11	12	46	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 below normal across the northern half of the state and near to above normal across the southern half. Precipitation was near to above normal across much of the state with near to below normal precipitation across parts of the central and east central. Monday was dry with highs in the mid-30s to low 50s. There were showers across the southern and eastern part of the state on Tuesday with highs in the upper 50s to 60s. Highs on Wednesday were in the 50s with showers in the west and central. Showers continued across much of the west and central on Thursday with highs in the mid-40s to 50s. Highs on Friday were in the mid-40s to low 60s with showers across much of the state. There were showers in the east on Saturday with highs in the upper 40s to low 60s. Sunday was dry with highs in the 60s to low 70s.

Outlook, April 23-29: Temperatures will be above normal across much of the state with near to above normal precipitation in the south and below normal precipitation in the north. Monday will be dry with highs in the 70s to mid-80s. There will be a chance of showers and thunderstorms statewide on Tuesday with highs in the upper 60s to mid-80s. Highs on Wednesday will be in the 50s to low 70s with a chance of showers across much of the state. Thursday will be dry with highs in the upper 40s to 50s. There will be a chance of showers in the west and south on Friday with highs in the upper 40s to 50s. Highs on Saturday will be in the upper 40s to mid-50s with a chance of showers statewide. The chance of showers will continue across much of the state on Sunday with highs in the 50s. A few snow showers could mix in with the rain showers early Sunday in parts of the northwest and north central.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending April 22, 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)	45	1	0.34	1.22	0.24
N. Central(2)	43	1	0.19	1.24	0.28
Northeast (3)	43	0	0.31	0.78	-0.02
W. Central(4)	46	1	0.36	0.93	-0.24
Central (5)	44	0	0.22	1.10	0.15
E. Central(6)	43	-1	0.36	0.99	-0.11
Southwest(7)	47	2	0.43	0.90	-0.28
S. Central(8)	46	1	0.38	1.31	0.21
Southeast(9)	45	0	0.31	2.42	1.08

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 22, 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.....	66	22	0.22	0.97	0.02
Williston.....	70	28	0.45	0.59	-0.22
Mohall.....	66	22	0.27	1.56	0.61
Minot.....	65	24	0.43	1.75	0.54
(2) Baker.....	63	23	0.26	1.11	0.12
Bottineau.....	65	24	0.09	1.33	0.40
Rugby.....	64	24	0.23	1.29	0.31
(3) Cando.....	64	23	0.12	0.69	0.04
Cavalier.....	67	21	0.52	1.07	0.24
Forest River....	65	25	0.15	0.55	-0.30
Grand Forks....	63	26	0.54	0.91	0.02
Langdon.....	60	22	0.19	0.62	-0.10
St. Thomas.....	63	24	0.33	0.81	-0.04
(4) Hazen.....	67	26	0.48	1.21	-0.16
Turtle Lake.....	64	26	0.23	1.02	-0.12
Watford City....	69	28	0.38	0.57	-0.44
(5) Carrington.....	63	25	0.20	1.05	-0.04
Harvey.....	64	26	0.43	1.24	0.67
Jamestown.....	63	24	0.10	0.94	-0.14
Robinson.....	63	25	0.08	0.87	-0.17
Streeter.....	63	26	0.29	1.39	0.42
(6) Dazey.....	63	25	0.40	1.12	0.11
Fargo.....	61	28	0.29	1.00	-0.06
Hillsboro.....	61	24	0.40	0.85	-0.37
(7) Beach.....	69	26	0.24	0.36	-0.82
Bowman.....	67	29	0.44	0.99	0.01
Dickinson.....	66	27	0.53	0.98	-0.39
Hettinger.....	65	30	0.52	1.28	0.09
(8) Mandan.....	66	25	0.34	1.08	-0.07
Linton.....	67	28	0.42	1.53	0.49
(9) Edgeley.....	63	28	0.37	1.90	0.63
Oakes.....	64	30	0.36	2.81	1.44
Wyndmere.....	60	30	0.20	2.55	1.18

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.