

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 28, 2008
For Week Ending: April 27, 2008
ND-CW1708

General: Cool temperatures have slowed planting progress and field growth as heavy snow hit the eastern areas of the state last week, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Very dry conditions continue to concern producers in western areas as fires damaged hay and pasture land this past week. Rain and snowfall late in the week slowed fieldwork in central and eastern areas of the state. Statewide, on average, there were 4.7 days suitable for fieldwork. Topsoil moisture supplies were rated 27 percent very short, 32 short, 38 adequate and 3 surplus, compared with the five-year (2003-2007) average of 5 percent very short, 20 short, 68 adequate and 7 surplus.

Crops: Planting progress was behind the average for canola, corn, flaxseed, potatoes, soybeans and sugarbeets. Spring wheat was 30 percent seeded, compared with 17 percent last year and 30 percent on average. Durum wheat was 18 percent seeded, compared with 14 percent on average. Barley and oats were 23 percent and 31 percent seeded, respectively. Dry edible peas planted, at 33 percent, advanced 18 percentage points from the previous week, ahead of last year.

Livestock: Rain is needed in western areas to replenish water supplies and assist pasture growth according to reporters. Calving progressed well last week. Calving and lambing were 87 and 92 percent complete, respectively. Shearing was 94 percent complete, slightly behind last year.

Hay and forage supplies were rated 4 percent very short, 16 short, 76 adequate and 4 surplus, compared to last year's rating of 11 percent very short, 16 short, 69 adequate and 4 surplus. Grain and concentrate supplies were 4 percent very short, 11 short, 82 adequate and 3 surplus. Pasture and ranges were 34 percent growing across the state. Pasture and range conditions were rated 14 percent very poor, 35 poor, 34 fair, 16 good and 1 excellent.

Crop Development Progress North Dakota, Week Ending April 27, 2008^{1,2}

Crop	Week Ending			2003-2007 Avg
	April 27, 2008	April 20, 2008	April 27, 2007	
	Percent	Percent	Percent	Percent
Barley				
Planted	23	10	15	22
Emerged	0	NA	0	2
Durum Wheat				
Planted	18	7	10	14
Emerged	1	NA	0	2
Spring Wheat				
Planted	30	15	17	30
Emerged	1	NA	0	5
Oats				
Planted	31	13	13	25
Emerged	0	0	0	2
Canola				
Planted	7	3	9	13
Corn, All				
Planted	3	1	7	15
Dry Edible Peas				
Planted	33	15	20	NA
Emerged	0	NA	0	NA
Flaxseed				
Planted	4	1	4	6
Potatoes				
Planted	3	1	4	8
Soybeans				
Planted	0	NA	1	1
Sugarbeets				
Planted	11	3	36	38

¹ Crop development percents represent all acreage in or beyond each stage.
² Progress is based on current intended acreage. NA = Not Available

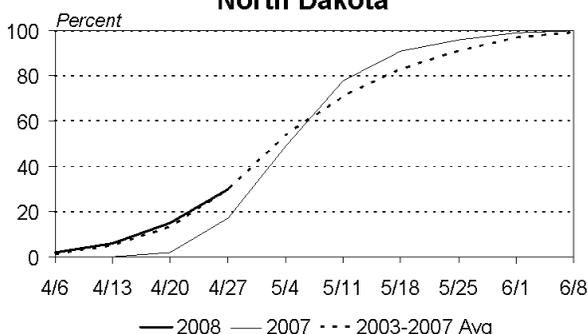
Soil Temperatures: Average soil temperatures on April 27, ranged from a low of 33 degrees F in Fargo and Rolla to a high of 44 in Dickinson. These readings reflect daily average temperatures under 4 inches of bare soil recorded by the North Dakota Agricultural Weather Network (NDAWN).

Planting: Percent Completed by District North Dakota, Week Ending April 27, 2008

Crop	NW	NC	NE	WC	C	EC	SW	SC	SE
	--- Percent ---								
Barley	19	9	8	36	42	19	50	59	36
Durum Wheat	11	2	2	16	NA	59	43	15	
Spring Wheat	11	8	7	42	29	38	72	65	46
Oats	12	4	8	35	21	43	44	44	33
Dry Edible Peas	34	8	8	43	32	11	57	72	NA

NA = Not Available.

Spring Wheat: Planted North Dakota



Average Soil Temperatures*, April 27, 2008

Station	Temperature	Station	Temperature
	Degrees F		Degrees F
NORTHWEST		CENTRAL	
Bowbells	41	Carrington	41
Minot	40	Robinson	40
Williston	43	Streeter	37
NORTH CENTRAL		EAST CENTRAL	
Baker	39	Dazey	37
Bottineau	40	Fargo	33
Rolla	33	SOUTHWEST	
NORTHEAST		Bowman	41
Cavalier	40	Dickinson	44
Grand Forks	38	SOUTH CENTRAL	
Langdon	35	Linton	39
WEST CENTRAL		SOUTHEAST	
Turtle Lake	39	Oakes	39
Watford City	43	Wyndmere	40

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

~ Compiled and Published by ~

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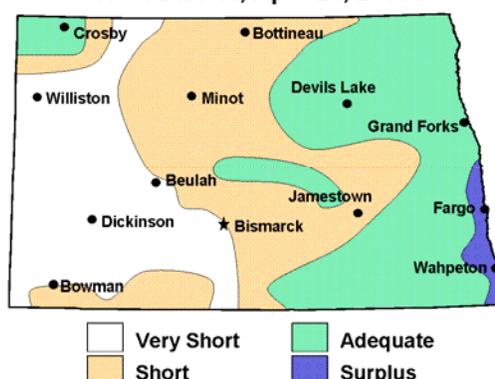
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NORTH DAKOTA CROP WEATHER REPORT, Week Ending April 27, 2008

**Soil Moisture Supplies
 North Dakota, Week Ending April 27, 2008**

Date	Week Ending			2003-2007 Avg
	April 27, 2008	April 20, 2008	April 27, 2007	
	Percent	Percent	Percent	Percent
Topsoil				
Very Short	27	33	1	5
Short	32	30	21	20
Adequate	38	35	71	68
Surplus	3	2	7	7
Subsoil				
Very Short	30	31	7	10
Short	33	35	33	24
Adequate	36	33	55	61
Surplus	1	1	5	5

**Topsoil Moisture Supplies
 North Dakota, April 27, 2008**



Weather: This week had below normal temperatures with most areas of the state seeing at least some precipitation. Monday started off with rain, mainly in the eastern half of the state, as a system exited the state with highs in the upper 40s to lower 50s. Tuesday was dry but warmed up to highs in the upper 40s to lower 60s. On Wednesday, a system of showers moved through the state bringing precipitation mainly to the central and eastern regions of the state with highs in the 40s to 50s. Thursday temperatures dropped into the 30s due to some scattered showers with snow in the western half of the state. The eastern half saw a few isolated showers mainly in the southeast corner where highs were in the 40s to 50s. On Friday, the eastern and southeastern part of the state saw snow with highs in the 30s in the eastern half and highs in the 50s in the western half. Some snow continued to fall Saturday morning. Places like Fargo saw 9 inches of snow total from this event with highs in the upper 30s to 40s. Sunday was dry as highs warmed up into the 40s to 50s.

Outlook, April 28-May 4: This week looks to be a lot warmer than last week, but will overall see below to near normal temperatures. Monday will start off the week dry with highs in the upper 40s to 60s. On Tuesday, the western half of the state could see an evening isolated light shower as a system starts to move through the state with highs in the 60s to 70s. Wednesday starts to cool down into the upper 50s to 60s with the chance of scattered showers possible, even a few thunderstorms mixed in statewide. Thursday highs continue to fall into the upper 40s to 50s as the chance of precipitation continues with scattered showers statewide. On Friday, there is a chance of isolated showers, possibly even some snow mixed into the precipitation, mainly in the central and eastern parts of the state with highs in the 40s to 50s. Saturday and Sunday look to dry out with highs in the 40s to 50s.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending April 27, 2008**

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	50	12	0.19	0.21	-0.99
Williston	53	17	0.01	0.20	-0.81
Mohall	52	15	0.21	0.22	-0.98
Minot	53	19	0.27	0.31	-1.20
(2) Baker	52	22	1.58	1.58	0.34
Bottineau	54	16	0.17	0.17	-1.01
Rugby	54	20	0.85	0.85	-0.38
(3) Cando	52	22	0.83	1.95	1.09
Cavalier	56	21	0.88	0.88	-0.18
Forest River	57	25	0.32	0.32	-0.77
Grand Forks	57	26	0.30	0.35	-0.78
Langdon	51	23	0.64	0.64	-0.30
St. Thomas	55	27	0.51	0.51	-0.58
(4) Hazen	57	20	0.44	0.45	-1.22
Turtle Lake	55	20	0.92	0.92	-0.48
Watford City	52	18	0.02	0.12	-1.14
(5) Carrington	56	25	0.68	0.68	-0.70
Harvey	55	22	1.76	1.76	1.02
Jamestown	59	22	0.14	0.21	-1.12
Robinson	56	23	0.65	0.66	-0.66
Streeter	57	23	0.39	0.48	-0.74
(6) Dazey	59	23	0.39	0.42	-0.85
Fargo	61	25	0.53	0.63	-0.70
Hillsboro	60	22	0.60	0.67	-0.85
(7) Beach	54	19	0.05	0.49	-0.99
Bowman	55	18	0.02	0.45	-0.81
Dickinson	55	19	0.02	0.22	-1.50
Hettinger	57	21	0.42	0.86	-0.65
(8) Mandan	58	23	0.40	0.46	-0.99
Linton	59	23	0.63	0.69	-0.61
(9) Edgeley	60	23	0.19	0.27	-1.32
Oakes	63	26	0.51	0.69	-0.98
Wyndmere	62	26	0.32	0.57	-1.15

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending April 27, 2008**

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	33	-11	0.17	0.24	-1.00
N. Central	36	-8	0.87	0.87	-0.35
Northeast (3)	39	-7	0.58	0.78	-0.25
W. Central	37	-10	0.46	0.50	-0.95
Central	39	-7	0.72	0.76	-0.44
E. Central(6)	41	-5	0.51	0.57	-0.80
Southwest	37	-9	0.13	0.51	-0.99
S. Central(8)	40	-6	0.52	0.57	-0.80
Southeast	43	-4	0.34	0.51	-1.15

^{1/} Precipitation amounts may vary due to an inaccurate snowfall melt. ^{2/} Normal is the 1971-2000 average. NA=Not available. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

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