

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

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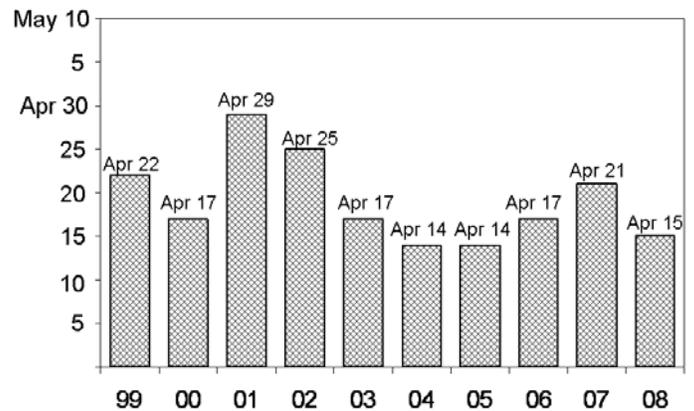
General: Warm, dry conditions dried the fields as planting was underway across most of the state, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Some grass fires have emerged which has producers in western areas of the state concerned about the amount of available topsoil moisture. Eastern valley producers began fieldwork by applying fertilizer; however, some producers are waiting for localized areas of permafrost to thaw. The statewide average starting date for fieldwork was April 15, ahead of last year and the average. The starting dates ranged from April 3 in the southwestern district to April 22 in the east central district. Statewide, on average, there were 5.7 days suitable for fieldwork. Topsoil moisture supplies were rated 33 percent very short, 30 short, 35 adequate and 2 surplus, compared with the five-year (2003-2007) average of 4 percent very short, 17 short, 71 adequate and 8 surplus.

Crops: Planting progress was ahead of last year and average for all crops, except canola, corn and sugarbeets which were behind average. Fifteen percent of spring wheat was seeded, compared with 2 percent last year and 13 percent on average. Durum wheat was 7 percent seeded, compared with 6 percent on average. Barley and oats were 10 percent and 13 percent seeded, respectively. Dry edible peas seeded, at 15 percent, advanced 12 percentage points from the previous week, ahead of last year. Planting of canola, corn flaxseed, potatoes and sugarbeets crops were underway.

Livestock: Reporters in western areas remain concerned about water supplies and pasture growth for livestock. Calving and lambing progressed well last week. Calving and lambing were 80 and 88 percent complete, respectively. Shearing was 91 percent complete, slightly behind both last year and average.

Hay and forage supplies were rated 3 percent very short, 14 short, 77 adequate and 5 surplus, compared with last year's rating of 11 percent very short, 14 short, 72 adequate and 4 surplus. Grain and concentrate supplies were 2 percent very short, 9 short, 84 adequate and 5 surplus. Pasture and ranges were 26 percent growing across the state. Pasture and range conditions were rated 11 percent very poor, 38 poor, 33 fair, 17 good and 1 excellent.

**Average Start Date for Fieldwork
North Dakota, 1999-2008**



**Planting: Percent Completed
North Dakota, Week Ending April 20, 2008¹**

Crop	Week Ending			2003-2007 Avg
	April 20, 2008	April 13, 2008	April 20, 2007	
	Percent	Percent	Percent	Percent
SMALL GRAINS				
Barley	10	3	1	7
Durum Wheat	7	3	1	6
Spring Wheat	15	6	2	13
Oats	13	3	1	10
OTHER CROPS				
Canola	3	0	1	4
Corn, All	1	0	0	3
Dry Edible Peas	15	3	4	NA
Flaxseed	1	NA	0	1
Potatoes	1	NA	0	1
Sugarbeets	3	0	1	10

¹ Progress is based on current intended acreage. NA = Not Available

Soil Temperatures: Average soil temperatures on April 20, ranged from a low of 46 degrees F in Dazey, Fargo and Langdon to a high of 56 in Turtle Lake. 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 20, 2008

Station	Temperature	Station	Temperature
	Degrees F		Degrees F
NORTHWEST		CENTRAL	
Bowbells	48	Carrington	50
Minot	50	Robinson	51
Williston	54	Streeter	47
NORTH CENTRAL		EAST CENTRAL	
Baker	50	Dazey	46
Bottineau	50	Fargo	46
Rolla	50	SOUTHWEST	
NORTHEAST		Bowman	50
Cavalier	49	Dickinson	54
Grand Forks	48	SOUTH CENTRAL	
Langdon	46	Linton	51
WEST CENTRAL		SOUTHEAST	
Turtle Lake	56	Oakes	48
Watford City	53	Wyndmere	47

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

~ Compiled and Published by ~

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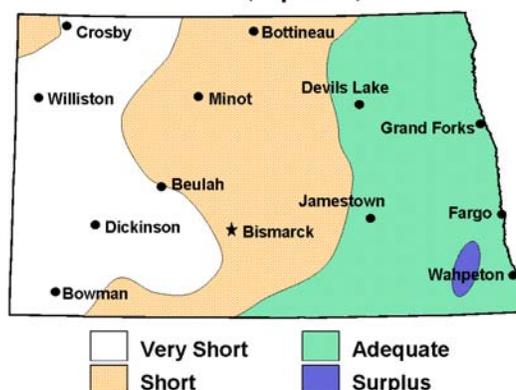
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NORTH DAKOTA CROP WEATHER REPORT, Week Ending April 20, 2008

**Soil Moisture Supplies
 North Dakota, Week Ending April 20, 2008**

Date	Week Ending			2003-2007 Avg
	April 20, 2008	April 13, 2008	April 20, 2007	
	Percent	Percent	Percent	Percent
Topsoil				
Very Short	33	32	1	4
Short	30	29	13	17
Adequate	35	36	78	71
Surplus	2	3	8	8
Subsoil				
Very Short	31	32	7	10
Short	35	31	32	24
Adequate	33	36	57	60
Surplus	1	1	4	6

**Topsoil Moisture Supplies
 North Dakota, April 20, 2008**



Weather: This past week had above normal temperatures across the state. Monday was dry with highs in the upper 50s in the eastern half of the state to lower 80s in the western half of the state. On Tuesday, some light scattered showers moved through the southern and western parts of the state with highs in the upper 60s to lower 80s. The state cooled down Wednesday with highs in the 50s to lower 60s as some scattered showers moved through the eastern half and southwest corner of the state. Thursday and Friday were dry with highs in the 60s on Thursday and highs warming up to the 60s to 70s on Friday. Saturday stayed dry and continued the warming trend with highs in the 60s to upper 70s. On Sunday, a system of showers and thunderstorms moved through the state later in the day in the central regions of the state as highs cooled down to the 60s to upper 50s.

Outlook, April 21-27: This week looks to be much cooler than last week with below normal temperatures. Monday will start off with scattered thunderstorms and rain in the central and western half of the state with highs in the low 50s to 40s. On Tuesday, there is a chance of an isolated shower in the northern half of the state as highs warm up to the 50s to 60s. Wednesday brings a chance of scattered thunderstorms statewide as a storm system moves through with highs in the 50s to lower 70s. On Thursday, there is a chance of a lingering isolated shower with highs cooling back down into the 40s to 50s. Friday looks to be dry as highs stay in the upper 40s to 50s. On Saturday, there is a chance of an isolated shower statewide, especially in the northern regions of the state with highs in the 50s. Sunday looks to dry out with highs in the upper 40s to 50s.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending April 20, 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	79	26	0.00	0.02	-0.83
Williston	79	29	0.00	0.19	-0.54
Mohall	80	25	0.00	0.01	-0.84
Minot	76	30	0.00	0.04	-1.05
(2) Baker	75	29	0.00	0.00	-0.89
Bottineau	77	17	0.00	0.00	-0.84
Rugby	72	24	0.00	0.00	-0.88
(3) Cando	75	26	0.00	0.00	-0.57
Cavalier	75	24	0.00	0.00	-0.75
Forest River	72	28	0.00	0.00	-0.77
Grand Forks	67	28	0.00	0.05	-0.76
Langdon	73	27	0.00	0.00	-0.64
St. Thomas	70	32	0.00	0.00	-0.77
(4) Hazen	75	24	0.00	0.01	-1.24
Turtle Lake	72	29	0.00	0.00	-1.04
Watford City	79	30	0.00	0.10	-0.81
(5) Carrington	84	25	0.00	0.00	-0.99
Harvey	77	26	0.00	0.00	-0.51
Jamestown	78	27	0.03	0.07	-0.91
Robinson	82	21	0.01	0.01	-0.93
Streeter	82	26	0.07	0.09	-0.78
(6) Dazey	73	30	0.01	0.03	-0.88
Fargo	69	29	0.00	0.10	-0.86
Hillsboro	68	25	0.00	0.07	-1.03
(7) Beach	78	23	0.03	0.44	-0.62
Bowman	78	24	0.13	0.43	-0.45
Dickinson	76	25	0.00	0.20	-1.03
Hettinger	76	27	0.25	0.44	-0.63
(8) Mandan	81	28	0.00	0.06	-0.97
Linton	83	29	0.01	0.06	-0.88
(9) Edgeley	75	28	0.00	0.08	-1.07
Oakes	73	27	0.01	0.18	-1.07
Wyndmere	70	29	0.01	0.25	-1.00

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending April 20, 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	53	10	0.00	0.07	-0.82
N. Central	49	7	0.00	0.00	-0.87
Northeast (3)	49	6	0.00	0.05	-0.67
W. Central	51	7	0.00	0.04	-1.03
Central	52	8	0.02	0.03	-0.82
E. Central(6)	49	5	0.00	0.07	-0.92
Southwest	50	7	0.10	0.38	-0.68
S. Central(8)	55	11	0.01	0.06	-0.93
Southeast	50	6	0.01	0.17	-1.05

^{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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