

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



North Dakota
Agricultural
Statistics Service

Released: May 2, 2005
For Week Ending: May 1, 2005
ND-CW1805

Cooperating With:
NDSU EXTENSION SERVICE,
FARM SERVICE AGENCY,
ND AG WEATHER NETWORK (NDAWN) and
UND AEROSPACE REGIONAL WEATHER
INFORMATION CENTER

General: Good planting progress continued across the state despite the cool weather, according to the North Dakota Agricultural Statistics Service. Cool temperatures have slowed growth of crops. Frost was reported over most of the state, while the extent of the damage is unknown. Topsoil moisture supplies were rated 9 percent very short, 28 short, 61 adequate and 2 surplus. This compared with the five-year (2000-2004) average of 5 percent very short, 17 short, 68 adequate and 10 surplus. Statewide, on average, there were 6 days suitable for fieldwork.

Crops: Planting continued ahead of average for most crops. Hard red spring wheat was 53 percent seeded, equal to last year and ahead of the average of 34 percent. Durum was 33 percent seeded compared with 14 percent on average. Barley was 44 percent seeded compared with 24 percent on average. Small grain emergence was slightly ahead of average.

Producers showed the most seeding progress on sugarbeets with 77 percent seeded compared with the average of 51 percent. Corn was 22 percent planted compared with 25 percent on average. Dry edible peas were 49 percent seeded. Producers have just started planting dry beans and sunflower.

Livestock: Pasture and range growth has slowed due in part to cool temperatures and dry conditions. Pastures were rated 73 percent growing compared to 72 percent last year. Pasture and range conditions were rated 8 percent very poor, 23 poor, 46 fair, 22 good and 1 excellent. Calving was 89 percent complete, lambing was 94 percent complete and shearing was 96 percent complete. Hay and forage supplies were rated 4 percent very short, 21 short, 70 adequate and 5 surplus. Grain and concentrate supplies were 2 percent very short, 7 short, 83 adequate and 8 surplus.

Crop Development Progress ^{1/} May 1, 2005 with Comparisons

Crop	Week Ending			2000-2004 Avg.
	May 1, 2005	April 24, 2005	May 1, 2004	
(Percent)				
BARLEY				
Planted	44	22	42	24
Emerged	6	1	11	5
DURUM WHEAT				
Planted	33	15	29	14
Emerged	6	2	7	3
HRS WHEAT				
Planted	53	29	53	34
Emerged	12	3	19	10
OATS				
Planted	49	28	50	29
Emerged	10	1	11	6
CANOLA				
Planted	28	13	26	20
Emerged	2	NA	2	4
CORN, ALL				
Planted	22	11	44	25
Emerged	0	NA	0	0
DRY EDIBLE BEANS				
Planted	1	0	1	0
DRY EDIBLE PEAS				
Planted	49	21	NA	NA
Emerged	3	NA	NA	NA
FLAXSEED				
Planted	18	5	17	9
Emerged	1	NA	1	0
POTATOES				
Planted	18	4	13	14
Emerged	1	NA	1	1
SOYBEANS				
Planted	0	0	4	2
SUGARBEETS				
Planted	77	34	80	51
Emerged	2	NA	9	5
SUNFLOWER				
Planted	1	NA	2	1

^{1/} Crop development percents represent all acreage in or beyond each stage.
NA = Not Available

Soil Temperatures: Average soil temperatures on May 1 ranged from a low of 37 degrees F in Langdon to a high of 44 in Grand Forks, Minot, Watford City and Williston. These readings reflect daily average temperatures under 4 inches of bare soil recorded by the North Dakota Agricultural Weather Network (NDAWN).

Average Soil Temperatures*, May 1, 2005

Station	Temperature	Station	Temperature
	Degrees F		Degrees F
NORTHWEST		CENTRAL	
Bowbells	40	Carrington	41
Minot	44	Robinson	40
Williston	44	Streeter	40
NORTH CENTRAL		EAST CENTRAL	
Baker	43	Dazey	41
Bottineau	39	Fargo	40
Rolla	41	SOUTHWEST	
NORTHEAST		Bowman	39
Cavalier	42	Dickinson	42
Grand Forks	44	SOUTH CENTRAL	
Langdon	37	Linton	42
WEST CENTRAL		SOUTHEAST	
Turtle Lake	42	Oakes	43
Watford City	44	Wyndmere	42

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

~ Compiled and Published by ~

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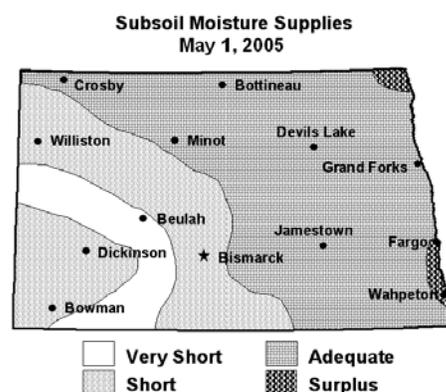
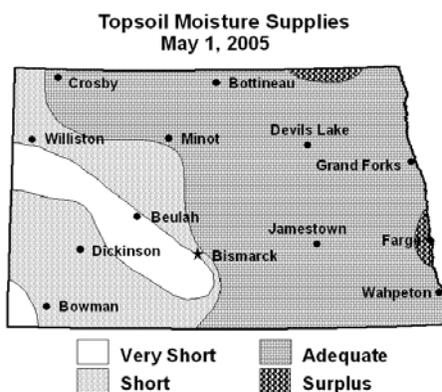
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NORTH DAKOTA CROP WEATHER REPORT, Week Ending May 1, 2005

Soil Moisture: North Dakota

Date	Week Ending			2000-2004 Avg.
	May 1, 2005	April 24, 2005	May 1, 2004	
(Percent)				
TOPSOIL				
Very Short	9	7	11	5
Short	28	26	30	17
Adequate	61	64	56	68
Surplus	2	3	3	10
SUBSOIL				
Very Short	12	13	11	7
Short	24	23	31	21
Adequate	61	60	56	64
Surplus	3	4	2	8



Weather: After enjoying weeks of dry weather and above average temperatures, the state saw much colder weather along with some wintry conditions for the last week of April. A strong upper level low in Ontario dominated the weather scene for the majority of the week bringing cloudy conditions and temperatures well below seasonal normals. Scattered light rain and even snow showers were found across the state for the majority of the week. High temperatures were in the upper 40s to upper 50s on Monday and Tuesday, with low temperatures in the 30s. High temperatures for the period of Wednesday through Friday were mostly in the 40s, with low temperatures ranging from the mid-20s to low 30s. Another reinforcing area of cold air moved across the state for the weekend bringing colder temperatures, windy conditions and rain/snow showers across most areas. High temperatures ranged from the mid-30s in the northeast to the mid-40s in the west. Low temperatures were in the 20s for the weekend.

Outlook, May 2-8: Improving weather conditions for ND will start off the month of May. Warmer temperatures and mostly sunny skies will prevail for the first half of the week. The week will start off with below average temperatures, with highs in the upper 40s to mid-50s and lows in the 30s. High temperatures will warm to slightly above seasonal average by mid week, with highs mostly in the 60s to near 70 degrees across the state. Temperatures look to remain near seasonal averages through the week's end. The next chance of precipitation for the state looks to be on the weekend. Look for a chance of rain over the western and central areas beginning late on Friday. A chance of rain will exist across the entire state for Saturday and Sunday.

Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending May 1, 2005

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1		
	High	Low	Past Week	Total	Depart Normal ^{1/}
(Degrees F)					
(1) Bowbells	53	22	0.00	0.15	-1.31
Williston	59	23	0.00	0.00	-1.41
Mohall	53	27	0.00	0.38	-1.19
Minot	53	23	0.00	0.25	-1.74
(2) Baker	52	24	0.01	0.51	-1.51
Bottineau	55	21	0.00	0.18	-1.40
Rugby	53	22	0.00	0.34	-1.31
(3) Cando	50	25	0.00	0.74	-0.46
Cavalier	47	25	0.05	0.99	-0.53
Forest River	48	27	0.04	0.91	-0.76
Grand Forks	49	27	0.06	0.40	-1.09
Langdon	47	25	0.04	1.19	-0.07
St. Thomas	49	28	0.02	0.75	-0.92
(4) Hazen	56	22	0.00	0.58	-1.54
Turtle Lake	55	24	0.00	0.31	-1.64
Watford City	57	21	0.00	0.00	-1.60
(5) Carrington	54	19	0.01	0.54	-1.28
Harvey	54	20	0.01	0.36	-1.23
Jamestown	55	21	0.00	0.41	-1.29
Robinson	54	19	0.00	0.35	-1.41
Streeter	54	19	0.00	0.51	-1.55
(6) Dazey	52	25	0.02	0.39	-1.42
Fargo	52	23	0.02	0.77	-1.20
Hillsboro	54	20	0.00	0.45	-1.53
(7) Beach	58	20	0.00	0.73	-0.96
Bowman	57	17	0.02	0.46	-1.13
Dickinson	56	20	0.00	0.63	-1.46
Hettinger	57	17	0.00	0.66	-1.48
(8) Mandan	58	20	0.00	1.05	-0.75
Linton	57	19	0.02	0.64	-1.45
(9) Edgeley	56	19	0.00	0.68	-1.38
Oakes	56	22	0.01	0.56	-1.55
Wyndmere	54	23	0.02	0.70	-0.87

Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending May 1, 2005

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1		
	Past Week	Depart Normal ^{1/}	Past Week	Total	Depart Normal ^{1/}
(Degrees F)					
(Inches)					
Northwest (1)	39	-7	0.00	0.20	-1.41
N. Central (2)	38	-8	0.00	0.34	-1.41
Northeast (3)	37	-10	0.04	0.83	-0.64
W. Central (4)	39	-8	0.00	0.30	-1.59
Central (5)	37	-11	0.00	0.43	-1.35
E. Central (6)	38	-11	0.01	0.54	-1.38
Southwest (7)	38	-8	0.01	0.62	-1.26
S. Central (8)	39	-10	0.01	0.85	-1.10
Southeast (9)	38	-10	0.01	0.65	-1.27

^{1/} Normal is the 1961-90 average. NA=Not Available. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

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