

# NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



North Dakota  
Agricultural  
Statistics Service

Released: May 16, 2005  
For Week Ending: May 15, 2005  
ND-CW2005

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

**General:** Rain and cool temperatures across the state slowed planting progress last week, according to the North Dakota Agricultural Statistics Service. While precipitation was welcomed in some districts, planting delays were noted in the northeast district. Warm weather and sunshine were reported as needed for planting and crop development. Frost was reported again in many areas of the state. Post emergence spraying for control of broadleaf weeds and wild oats were both 6 percent complete. Statewide, on average, there were 2.3 days suitable for fieldwork. Topsoil moisture supplies were rated 5 percent short, 87 adequate and 8 surplus. This compared with the five-year (2000-2004) average of 5 percent very short, 12 short, 71 adequate and 12 surplus.

**Crops:** Limited progress was made seeding small grains. Hard red spring wheat was 84 percent seeded, ahead of the average of 64 percent. Durum was 62 percent seeded compared with 38 percent on average. Barley was 82 percent planted. While small grain seeding is ahead of last year, crop emergence was reported behind last year. Spring wheat, barley and oat conditions were rated mostly good.

Very little progress was made planting corn, soybeans, dry edible beans, potatoes and sunflower last week. Although limited progress was made planting corn, it was still ahead of average. Soybeans were 19 percent planted compared to 24 percent on average. Canola was 66 percent planted compared to the average of 59 percent. Dry edible peas were 87 percent planted compared with 76 percent last week.

**Livestock:** Ranchers were turning livestock out to pasture and registered beef producers were reported as getting ready to breed cows. Range and pasture conditions were 4 percent very poor, 12 poor, 44 fair, 36 good and 4 excellent. Stockwater supply was rated 1 percent very short, 16 short, 80 adequate and 3 surplus.

**Crop and Pasture Condition  
Week Ending May 15, 2005**

Crop	Very Poor	Poor	Fair	Good	Excellent
	(Percent)				
Barley	0	1	22	65	12
HR Spring Wheat	0	1	25	66	8
Oats	0	1	29	65	5
Pasture and Range	4	12	44	36	4

**Percent Planted by District  
Week Ending May 15, 2005**

Crop	NW	NC	NE	WC	C	EC	SW	SC	SE
	(Percent)								
Barley	70	82	68	85	95	99	89	96	98
Durum Wheat	48	69	45	73	87	98	90	84	91
HR Spring Wheat	49	81	73	83	95	99	93	95	98
Corn	18	52	67	29	57	71	41	48	84
Soybeans	10	20	11	5	3	21	NA	2	33

**Crop Development Progress <sup>1/</sup>  
May 15, 2005 with Comparisons**

Crop	Week Ending			2000-2004 Avg.
	May 15, 2005	May 8, 2005	May 15, 2004	
	(Percent)			
BARLEY				
Planted	82	71	79	56
Emerged	40	23	46	28
Jointed	0	NA	0	0
DURUM WHEAT				
Planted	62	46	53	38
Emerged	26	15	32	18
Jointed	0	NA	0	0
HRS WHEAT				
Planted	84	76	83	64
Emerged	48	32	54	37
Jointed	0	NA	1	1
OATS				
Planted	85	76	83	64
Emerged	53	34	55	34
Jointed	1	NA	0	0
CANOLA				
Planted	66	53	72	59
Emerged	23	12	24	23
CORN, ALL				
Planted	69	64	82	63
Emerged	4	2	22	20
DRY EDIBLE BEANS				
Planted	5	3	7	7
Emerged	0	NA	0	0
DRY EDIBLE PEAS				
Planted	87	76	NA	NA
Emerged	30	17	NA	NA
FLAXSEED				
Planted	54	45	54	41
Emerged	11	6	18	12
POTATOES				
Planted	47	43	52	48
Emerged	6	1	5	5
SOYBEANS				
Planted	19	15	39	24
Emerged	0	NA	2	2
SUGARBEETS				
Emerged	35	8	50	37
SUNFLOWER				
Planted	8	3	9	6
Emerged	0	NA	0	0

<sup>1/</sup> Crop development percents represent all acreage in or beyond each stage.  
NA = Not Available

**Soil Temperatures:** Average soil temperatures on May 15 ranged from a low of 42 degrees F in Langdon to a high of 50 in Baker 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 15, 2005**

Station	Temperature	Station	Temperature
	Degrees F		Degrees F
NORTHWEST		CENTRAL	
Bowbells	48	Carrington	49
Minot	48	Robinson	46
Williston	50	Streeter	48
NORTH CENTRAL		EAST CENTRAL	
Baker	50	Dazey	47
Bottineau	46	Fargo	45
Rolla	47	SOUTHWEST	
NORTHEAST		Bowman	46
Cavalier	48	Dickinson	46
Grand Forks	47	SOUTH CENTRAL	
Langdon	42	Linton	47
WEST CENTRAL		SOUTHEAST	
Turtle Lake	48	Oakes	49
Watford City	47	Wyndmere	49

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

~ Compiled and Published by ~

N.D. Agricultural Statistics Service, USDA • P.O. Box 3166 • Fargo, ND 58108 • 701-239-5306

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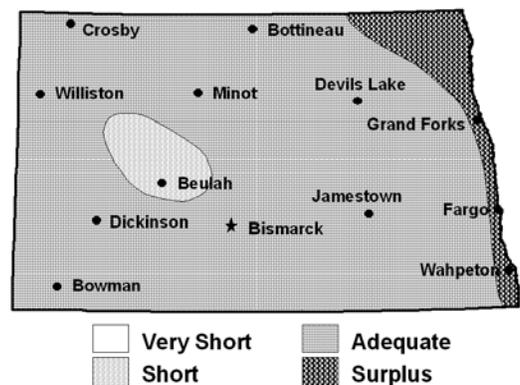
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NORTH DAKOTA CROP WEATHER REPORT, Week Ending May 15, 2005

Soil Moisture: North Dakota

Date	Week Ending			2000-2004 Avg.
	May 15, 2005	May 8, 2005	May 15, 2004	
(Percent)				
<b>TOPSOIL</b>				
Very Short	0	4	14	5
Short	5	13	23	12
Adequate	87	78	59	71
Surplus	8	5	4	12
<b>SUBSOIL</b>				
Very Short	7	12	13	5
Short	16	17	27	17
Adequate	70	67	57	69
Surplus	7	4	3	9

Topsoil Moisture Supplies  
 May 15, 2005



**Weather:** Wet and even wintry conditions, along with temperatures well below average, greeted the state for the second week of May. Showers and thunderstorms brought locally heavy rain to areas in far eastern North Dakota on Monday. High temperatures were slightly below normal, mostly in the 50s to near 60. Low temperatures dipped into the 30s across the state. Another storm system moved into the state bringing areas of rain late on Wednesday and into Thursday. Cold air behind the system brought several inches of snow to southwestern North Dakota. Temperatures were well below normal, with highs in the 30s southwest and in the 40s elsewhere. Overnight lows dropped into the 20s to mid-30s. Sunny skies finished out the weekend, with highs warming into the 50s east to near 70 degrees in the west.

**Outlook, May 16-22:** Spring-like weather will be the case for the third week in May. More seasonal temperatures and a chance of showers and thunderstorms midweek will be in store. Fair weather will start out the week, with highs in the mid-50s to low 60s. Look for showers and thunderstorms with possibly heavy rainfall across areas of the west on Tuesday. Storms may become severe across the southern areas late on Tuesday. Showers and thunderstorms will move into the eastern areas on Wednesday. Temperatures for the week will be highs in the low 70s west to the mid-60s east. Low temperatures will be in the 40s to low 50s across the majority of the state. Dry weather will settle in for the latter half of the week under partly cloudy skies.

Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending May 15, 2005

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1 <sup>1/</sup>		
	High	Low	Past Week	Total	Depart Normal <sup>2/</sup>
(Degrees F) (Inches)					
(1) Bowbells	63	23	0.18	1.56	-1.00
Williston	71	27	0.25	1.37	-0.93
Mohall	61	23	0.20	1.15	-1.58
Minot	63	23	0.26	1.46	-1.78
(2) Baker	58	25	0.30	1.96	-1.24
Bottineau	62	23	0.25	0.83	-1.78
Rugby	60	25	0.24	0.97	-1.63
(3) Cando	57	24	0.21	1.16	-1.04
Cavalier	55	27	0.71	2.41	-0.07
Forest River	59	29	1.06	2.57	0.02
Grand Forks	60	31	0.66	1.76	-0.59
Langdon	53	24	0.52	2.29	0.15
St. Thomas	58	29	0.54	2.38	-0.17
(4) Hazen	66	25	0.66	1.79	-1.65
Turtle Lake	63	25	0.54	1.94	-0.99
Watford City	69	27	0.28	1.67	-0.93
(5) Carrington	59	28	0.53	2.28	-0.58
Harvey	61	26	0.64	2.68	0.08
Jamestown	63	27	0.96	2.83	0.36
Robinson	61	27	1.05	2.98	0.21
Streeter	61	27	1.02	2.31	-0.82
(6) Dazey	59	29	0.29	1.25	-1.61
Fargo	63	33	0.85	1.77	-1.30
Hillsboro	65	31	0.63	1.98	-0.96
(7) Beach	70	26	0.46	2.55	-0.15
Bowman	71	27	0.40	1.47	-1.39
Dickinson	67	26	0.40	2.27	-1.02
Hettinger	69	27	0.30	0.96	-2.52
(8) Mandan	65	26	0.88	2.47	-0.30
Linton	63	30	1.16	2.28	-0.89
(9) Edgeley	62	30	1.10	2.73	-0.40
Oakes	60	31	1.71	3.57	0.34
Wyndmere	63	33	1.04	2.00	-0.58

Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending May 15, 2005

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1 <sup>1/</sup>		
	Past Week	Depart Normal <sup>2/</sup>	Past Week	Total	Depart Normal <sup>2/</sup>
(Degrees F) (Inches)					
Northwest (1)	44	-8	0.22	1.39	-1.32
N. Central (2)	42	-10	0.26	1.25	-1.55
Northeast (3)	42	-11	0.62	2.10	-0.28
W. Central (4)	46	-8	0.49	1.80	-1.19
Central (5)	44	-10	0.84	2.62	-0.15
E. Central (6)	47	-8	0.59	1.67	-1.29
Southwest (7)	48	-4	0.39	1.81	-1.27
S. Central (8)	46	-9	1.02	2.38	-0.59
Southeast (9)	46	-8	1.28	2.77	-0.21

<sup>1/</sup> Precipitation amounts may vary due to an inaccurate snowfall melt. <sup>2/</sup> 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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