

# NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: August 6, 2007  
For Week Ending: August 5, 2007  
ND-CW3207

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

**General:** Small grain harvest was in full swing, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Above normal temperatures were beneficial for small grain harvest, but continued to stress all other crops. Heavy rains were received in the central and north central parts of the state which was very beneficial. All other areas of the state need precipitation to achieve optimum yield potential of crops still developing. Some reporters noted producers were having problems with various insects across the state. Topsoil moisture supplies were rated 51 percent adequate to surplus. This compares with last year and the five-year (2002-2006) average of 9 and 47 percent adequate to surplus, respectively. Subsoil moisture supplies were rated 62 percent adequate to surplus, down from 68 percent adequate to surplus the previous week. Statewide, on average, there were 6.4 days suitable for fieldwork.

**Crops:** The small grain harvest made excellent progress last week. As of August 5, spring wheat was 23 percent harvested, compared with 44 percent last year and 16 percent on average while 89 percent of the crop was turning and beyond. Durum wheat was 11 percent harvested compared with 13 percent last year and 5 percent on average while 72 percent was turning and beyond. The barley and oat harvest was well underway with 48 and 30 percent complete, respectively. Small grain crop conditions were rated mostly good.

Excellent developmental progress was made by all other crops due to above normal temperatures. Corn was 30 percent in the dough and beyond stage compared with 25 percent last year and 16 percent on average. Soybeans had 19 percent of their acreage in the fully podded and beyond stage compared with 44 percent last year and the average of 20 percent. Dry edible beans were 15 percent fully podded, behind last year's 48 percent and the average of 17 percent. Dry edible peas were 70 percent harvested, advancing 43 percentage points from the previous week. The sunflower crop was 65 percent blooming and beyond, behind last year's 84 percent but ahead of the average of 55 percent. Most all other crops were stressed, but were still rated mostly good to excellent.

**Livestock:** Haying progress was continually aided by hot conditions during the week. Other hay baling was 90 percent complete, while the second cutting of alfalfa was 79 percent complete, both remained behind last year. Hay condition was rated 1 percent very poor, 4 poor, 19 fair, 66 good and 10 excellent which deteriorated slightly from the previous week. Pasture and range conditions were rated 2 percent very poor, 10 poor, 32 fair, 52 good and 4 excellent, compared with the average of 18 percent very poor, 22 poor, 28 fair, 29 good and 3 excellent. Stockwater supplies were at 82 percent adequate to surplus, well above last year's 32 percent.

Crops Harvested: Percent Completed, by District North Dakota, Week Ending August 5, 2007									
Crop	NW	NC	NE	WC	C	EC	SW	SC	SE
	--- Percent ---								
Barley	41	34	31	51	67	91	63	55	58
Durum Wheat	6	NA	1	19	30	NA	25	18	NA
Spring Wheat	11	10	11	25	32	29	37	27	38
Oats	9	7	4	47	30	36	34	38	72
Dry Edible Peas	72	46	26	92	61	97	62	77	33

NA = Not Available.

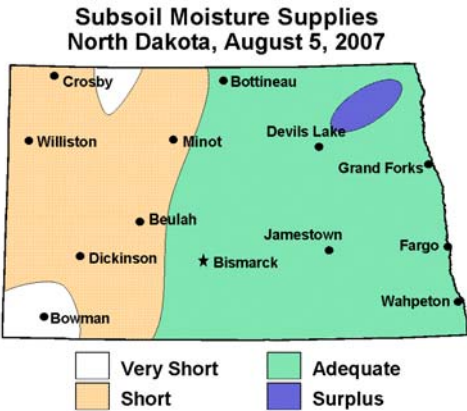
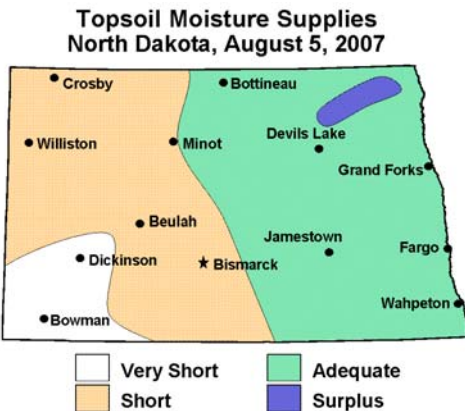
Crop and Pasture Condition North Dakota, Week Ending August 5, 2007					
Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Barley	1	2	15	68	14
Durum Wheat	1	2	21	60	16
Spring Wheat	1	3	16	65	15
Oats	0	2	16	73	9
Canola	0	3	14	68	15
Corn	2	4	21	63	10
Dry Edible Beans	2	5	23	60	10
Dry Edible Peas	0	1	13	72	14
Flaxseed	0	1	18	74	7
Potatoes	3	7	24	51	15
Soybeans	3	3	19	64	11
Sugarbeets	1	4	20	61	14
Sunflower	1	2	18	65	14
Hay	1	4	19	66	10
Pasture and Range	2	10	32	52	4

Crop Development Progress North Dakota, Week Ending August 5, 2007 <sup>1/2/</sup>				
Crop	Week Ending			2002-2006 Avg
	Aug 5, 2007	July 29, 2007	Aug 5, 2006	
	Percent	Percent	Percent	Percent
BARLEY				
Turning	97	88	96	87
Harvested	48	16	50	22
DURUM WHEAT				
Headed	97	92	100	97
Milk	88	71	95	82
Turning	72	48	74	48
Harvested	11	5	13	5
SPRING WHEAT				
Milk	98	95	100	96
Turning	89	77	95	77
Harvested	23	6	44	16
OATS				
Turning	96	83	97	84
Harvested	30	10	59	24
CANOLA				
Turning	74	62	83	72
Swathed	46	13	37	27
Harvested	9	2	6	3
CORN				
Silking	94	86	98	87
Dough	30	15	25	16
Dented	1	0	1	0
DRY EDIBLE BEANS				
Blooming	92	87	100	93
Setting Pods	69	64	94	66
Fully Podded	15	3	48	17
Lower Leaves Yellowing	2	NA	9	3
DRY EDIBLE PEAS				
Mature	97	88	97	NA
Harvested	70	27	68	NA
FLAXSEED				
Blooming	100	96	100	99
Turning	59	35	76	53
Harvested	1	0	4	1
POTATOES				
Rows Filled	87	79	99	90
Vines Killed	0	0	8	3
SOYBEANS				
Blooming	98	93	100	97
Setting Pods	88	65	97	78
Fully Podded	19	8	44	20
Lower Leaves Yellowing	0	NA	4	1
SUNFLOWERS				
Blooming	65	30	84	55
Ray Flowers Dried/Dropped	0	NA	5	1

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

~ Compiled and Published by ~

Soil Moisture Supplies North Dakota, August 5, 2007				
Date	Week Ending			2002-2006 Avg
	Aug 5, 2007	July 29, 2007	Aug 5, 2006	
	Percent	Percent	Percent	Percent
<b>Topsoil</b>				
Very Short	12	10	57	22
Short	37	33	34	31
Adequate	48	53	9	44
Surplus	3	4	0	3
<b>Subsoil</b>				
Very Short	6	4	44	19
Short	32	28	42	29
Adequate	60	64	14	48
Surplus	2	4	0	4



**Weather:** This week was once again above normal in the temperature department. Monday was dry and calm as highs reached into the upper 80s to upper 90s throughout the state. Tuesday highs climbed into the 90s to 100s as a few scattered storms dropped precipitation mainly in the central regions of the state. Three hail reports and seven wind reports occurred on Tuesday in the north central and northeast regions of the state with Bottineau County seeing 80 mph winds. On Wednesday, there were a few isolated storms as highs cooled down into the 80s. Thursday stayed dry as highs were in the 80s. Friday had scattered storms throughout the state as six hail reports occurred in the central and north central regions of the state. Saturday was dry with highs in the upper 70s to 90s as the western side of the state saw the hotter temperatures. Sunday highs cooled back down into the 80s as a system of storms moved through the western half of the state.

**Outlook, August 6-12:** On Monday, expect to see scattered storms throughout most of the state as a system of storms moves eastward with highs in the 70s to 80s. Tuesday will warm up into the 80s with a chance of isolated storms in the western half of the state. Wednesday highs will climb even higher into the 80s to 90s as scattered storms bring more moisture to the state, with most of the precipitation falling in the eastern half of the state. Thursday highs continue to stay in the 80s to 90s as the eastern half of the state sees another chance of scattered storms due to a cold front moving through the state. Friday highs will fall into the 70s to 80s as scattered storms occur throughout the state. Saturday and Sunday end the week with a chance of isolated storms as highs continue to stay in the 80s.

**Temperature & Precipitation: Districts and Stations**  
North Dakota, Week ending August 5, 2007

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)	(Degrees F)	(Inches)	(Inches)	(Inches)
Northwest(1)	76	7	0.09	9.72	0.33
N. Central(2)	74	5	1.42	12.82	2.67
Northeast (3)	70	1	0.48	16.62	6.65
W. Central(4)	77	6	0.26	8.39	-1.22
Central (5)	73	2	0.47	13.13	3.17
E. Central(6)	71	1	0.37	13.34	2.29
Southwest(7)	78	8	0.05	9.82	0.47
S. Central(8)	76	4	0.00	11.45	1.55
Southeast(9)	72	1	0.13	15.16	4.14

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.

**Temperature & Precipitation: Districts and Stations**  
North Dakota, Week ending August 5, 2007

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)	(Degrees F)	(Inches)	(Inches)	(Inches)
(1) Bowbells	99	51	0.00	9.82	0.04
Williston	102	55	0.03	8.70	0.78
Mohall	99	51	0.31	9.67	-0.04
Minot	101	54	0.01	10.69	0.55
(2) Baker	96	52	2.91	15.77	5.80
Bottineau	99	49	0.26	10.86	0.64
Rugby	100	51	1.09	11.83	1.57
(3) Cando	93	51	1.18	16.24	6.79
Cavalier	92	49	0.28	18.68	8.36
Forest River	94	51	0.13	15.29	5.32
Grand Forks	89	51	0.65	11.92	2.22
Langdon	88	50	0.26	14.75	4.34
St. Thomas	90	53	0.37	22.86	12.89
(4) Hazen	103	48	0.35	8.21	-1.69
Turtle Lake	101	53	0.02	9.68	-0.37
Watford City	102	56	0.42	7.27	-1.60
(5) Carrington	91	51	1.75	13.34	2.00
Harvey	98	52	0.36	11.69	3.44
Jamestown	91	56	0.00	15.36	4.99
Robinson	95	56	0.22	11.15	1.13
Streeter	92	50	0.00	14.13	4.29
(6) Dazey	89	53	0.00	13.64	2.56
Fargo	92	56	0.44	13.42	2.53
Hillsboro	89	52	0.68	12.95	1.77
(7) Beach	100	60	0.00	9.54	0.70
Bowman	103	56	0.00	10.79	1.58
Dickinson	103	55	0.00	6.91	-2.88
Hettinger	100	54	0.21	12.05	2.50
(8) Mandan	99	56	0.00	12.97	2.78
Linton	95	55	0.00	9.93	0.32
(9) Edgeley	90	54	0.06	11.37	0.88
Oakes	89	55	0.10	17.38	6.76
Wyndmere	91	56	0.22	16.72	4.79

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