

# NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



North Dakota  
Agricultural  
Statistics Service

Released: August 30, 2004  
For Week Ending: August 29, 2004  
ND-CW3504

Cooperating With:  
NDSU EXTENSION SERVICE,  
FARM SERVICE AGENCY,  
ND AG WEATHER NETWORK (NDAWN) and  
UND AEROSPACE REGIONAL WEATHER  
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**General:** Combines stood at the ready as cool, damp weather continued to restrain wheat harvest and late season crop development last week, according to the North Dakota Agricultural Statistics Service. Spring wheat and durum wheat harvested were 41 and 20 percent complete compared to 88 and 72 last year, respectively. Across the state, seasonal total heat units were 100 to 300 short of expected, according to the Joint Agricultural Weather Facility. Wheat harvest and late development stages for corn, soybeans and sunflowers were 1.5 to 2 weeks behind the five-year average (1999-2003). Reporters confirmed that the August 20, 2004 frost damaged dry edible beans, soybeans, corn, sunflowers and late planted wheat in the northern and eastern areas of the state. Statewide, on average, there were 4.1 days suitable for fieldwork last week. Topsoil moisture supplies were rated 61 percent adequate to surplus compared with 58 percent last week.

**Crops:** Small grain condition improved last week. The frost effect was reflected in the late season crop condition ratings. Canola and flaxseed were the only late season crops that improved, all others declined. Spring wheat and durum conditions were rated 69 and 63 percent good to excellent compared to 68 and 56 percent the previous week, respectively. Dry edible bean condition deteriorated to 26 percent good to excellent from 43 percent the previous week. Soybeans and corn were down 9 and 7 percentage points from the previous week, respectively. Potatoes dropped to 62 percent good to excellent from 72 percent the previous week.

Barley and wheat harvest made only small gains last week. Barley harvest is 57 percent complete up from 44 percent the previous week. Corn made very little progress with dough and beyond moving up only 2 percentage points over the previous week. Dent and beyond for corn finished last week at 2 percent, fully 48 points behind the average of 50 percent. Soybeans fully podded and beyond moved ahead 35 percentage points over last week.

**Livestock:** Pasture conditions continue to improve in most areas of the state with 30 percent of pastures and rangeland rated good to excellent compared to last week's 28 percent. Stockwater supplies were rated 9 percent very short, 22 short, 67 adequate and 2 surplus compared to 12 percent very short, 33 short, 54 adequate and 1 surplus last year. Second cutting alfalfa was 89 percent complete compared to 82 percent complete the previous week. Other hay baling was 94 percent complete.

## Small Grain Development Progress <sup>1/</sup> August 29, 2004 with Comparisons

Crop	This Week	Last Week	Last Year	1999-03 Avg.
(Percent)				
BARLEY				
Combined	57	44	96	78
DURUM WHEAT				
Milk	95	92	100	99
Turning	67	63	99	95
Combined	20	17	72	41
HRS WHEAT				
Turning	93	90	100	99
Combined	41	32	88	71
OATS				
Turning	95	93	100	99
Combined	62	48	90	80

<sup>1/</sup> Crop development percents represent all acreage in or beyond each stage.

## Late Season Crop Development Progress <sup>1/</sup> August 29, 2004 with Comparisons

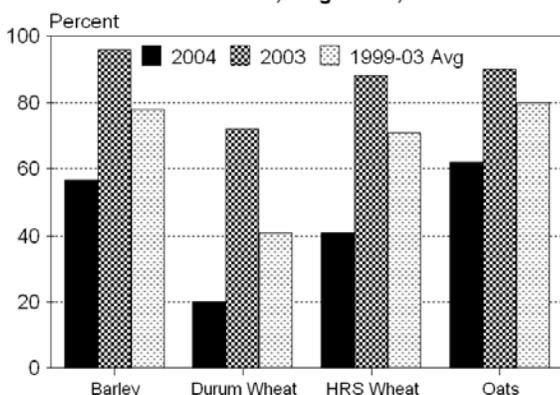
Crop	This Week	Last Week	Last Year	1999-03 Avg.
(Percent)				
CANOLA				
Turning	91	82	100	99
Swathed	72	55	97	91
Combined	16	12	69	49
CORN				
Dough	29	27	90	92
Dented	2	2	52	50
CORN FOR SILAGE				
Chopped	5	1	21	7
DRY EDIBLE BEANS				
Fully Podded	56	35	88	88
Lower Leaves Yellowing	8	4	66	62
FLAXSEED				
Turning	82	74	98	92
Combined	8	4	43	29
POTATOES				
Vines Killed	24	15	44	38
Dug	0	NA	3	3
SOYBEANS				
Fully Podded	75	40	92	90
Lower Leaves Yellowing	9	1	29	29
SUNFLOWER				
Blooming	92	84	100	99
Ray Flowers Dried/Dropped	18	3	69	55
Bracts Turned Yellow	2	1	25	18

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

## Crop and Pasture Condition Week Ending August 29, 2004

Crop	Very Poor	Poor	Fair	Good	Excellent
(Percent)					
Barley	2	5	19	50	24
Durum Wheat	2	6	29	48	15
HR Spring Wheat	2	7	22	47	22
Oats	4	8	31	45	12
Canola	3	8	28	47	14
Corn, All	6	20	33	33	8
Dry Edible Beans	17	20	37	24	2
Flaxseed	1	5	25	59	10
Potatoes	3	7	28	47	15
Soybeans	4	15	38	37	6
Sugarbeets	1	4	22	58	15
Sunflower	2	11	38	43	6
Pasture and Range	22	18	30	27	3

Small Grains Combined  
North Dakota, August 29, 2004



~ Compiled and Published by ~

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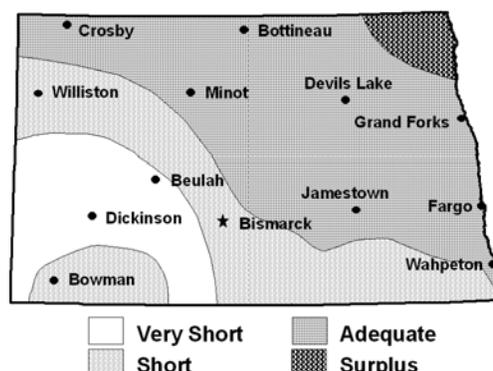
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**NORTH DAKOTA CROP WEATHER REPORT**, Week Ending August 29, 2004

**Soil Moisture: North Dakota, August 29, 2004**

Date	Very Short	Short	Adequate	Surplus
(Percent)				
<b>TOPSOIL</b>				
This Week	15	24	57	4
Last Week	16	26	54	4
Last Year	37	41	22	0
1999-03 Avg	16	27	52	5
<b>SUBSOIL</b>				
This Week	19	23	54	4
Last Week	18	24	54	4
Last Year	30	40	30	0
1999-03 Avg	13	24	57	6

**Topsoil Moisture Supplies August 29, 2004**



**Weather:** Temperatures were once again well below average for this time of year. Maximum high temperatures for the week reached the 70s and 80s, but overnight lows dropped into the 40s with some 30s mixed in. Areas such as Hillsboro, Grand Forks and Cavalier received significant rainfall with amounts exceeding 2.00 inches. The majority of the state saw less than 1.00 inch of rain throughout the week.

**Outlook, August 30-September 5:** Near normal temperatures are in store for much of the week with daytime highs climbing into the upper 70s and low 80s with a few 90s possible by midweek. Expect a cool down towards the end of the week as a cold front pushes through the area late Thursday. Overnight lows will drop into the 50s for much of the state with some areas seeing lows in the lower 60s. The greatest chance for precipitation comes later in the week with possible weekly totals ranging from as little as 0.01 of an inch in the west to 0.75 of an inch in the southeast.

**Temperature & Precipitation: Districts and Stations North Dakota, Week ending August 29, 2004**

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1		
	High	Low	Past Week	Total	Depart Normal <sup>1/</sup>
		(Degrees F)		(Inches)	
(1) Bowbells	78	42	0.17	9.40	-1.15
Williston	77	48	0.56	7.95	-0.93
Mohall	75	43	0.50	11.88	0.41
Minot	76	45	0.38	8.86	-2.52
(2) Baker	73	44	0.28	11.84	-1.68
Bottineau	75	41	0.69	11.47	-0.79
Rugby	72	43	0.20	11.56	1.13
(3) Cando	72	40	0.42	9.33	-1.81
Cavalier	77	42	2.17	12.53	0.48
Forest River	76	40	1.10	10.13	-1.52
Grand Forks	74	41	2.17	10.45	-0.96
Langdon	74	41	1.17	12.07	0.66
St. Thomas	76	41	1.57	12.94	1.29
(4) Hazen	83	38	0.66	5.02	-6.95
Turtle Lake	75	44	1.27	6.88	-5.01
Watford City	81	49	0.23	5.60	-4.89
(5) Carrington	73	39	1.04	11.27	-0.81
Harvey	72	40	0.75	10.45	-1.59
Jamestown	76	42	0.29	15.00	3.04
Robinson	73	41	1.83	13.12	1.46
Streeter	75	42	0.22	10.97	-1.59
(6) Dazey	76	42	0.27	10.89	-2.17
Fargo	79	41	0.30	12.30	0.16
Hillsboro	79	43	2.56	13.58	0.58
(7) Beach	78	43	0.56	6.55	-3.49
Bowman	80	38	0.01	7.29	-3.77
Dickinson	81	46	0.04	4.98	-6.21
Hettinger	86	42	0.14	5.32	-6.35
(8) Mandan	84	44	1.69	8.27	-2.12
Linton	87	46	0.44	7.91	-3.37
(9) Edgeley	82	43	0.34	10.43	-2.13
Oakes	84	50	0.64	10.81	-0.90
Wyndmere	81	45	0.07	13.28	0.55

**Temperature & Precipitation: Districts and Stations North Dakota, Week ending August 29, 2004**

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1		
	Past Week	Depart Normal <sup>1/</sup>	Past Week	Total	Depart Normal <sup>1/</sup>
		(Degrees F)		(Inches)	
Northwest (1)	61	-4	0.40	9.52	-1.05
N. Central (2)	58	-6	0.39	11.62	-0.45
Northeast (3)	58	-8	1.43	11.24	-0.30
W. Central (4)	62	-5	0.72	5.83	-5.63
Central (5)	57	-10	0.83	12.16	0.10
E. Central (6)	60	-7	1.04	12.26	-0.47
Southwest (7)	62	-4	0.19	6.04	-4.95
S. Central (8)	65	-3	1.07	8.09	-2.75
Southeast (9)	64	-3	0.35	11.51	-0.82

<sup>1/</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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