

# NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



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

Released: August 24, 2009,  
For Week Ending: August 23, 2009  
ND-CW3309

**General:** Below normal temperatures across the state delayed crop development while rainy weather limited the small grain harvest, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Cool weather delayed the ripening of grains and limited the progress of other crop maturation. Above normal rainfall in the northwest and east delayed small grain harvest activity. Topsoil moisture supplies were rated 23 percent short, 73 adequate and 4 surplus compared with the five-year (2004-2008) average of 15 percent very short, 26 short, 56 adequate and 3 surplus. Subsoil moisture supplies were rated 1 percent very short, 20 short, 74 adequate and 5 surplus compared with the average of 17 percent very short, 27 short, 53 adequate and 3 surplus. Statewide, on average, there were 4.9 days suitable for fieldwork last week.

**Crops:** The small grain harvest was still not in full swing due mostly to late maturity and a rainy, cloudy week. Reporters noted that high moisture content of small grains was an additional concern for producers. Seven percent of the spring wheat acres were harvested as of last week, over three weeks behind the average. Durum wheat was 4 percent harvested compared with 46 percent last year and 43 percent average. Virtually all barley and oats were in the turning stage while spring wheat and Durum were 88 and 83 percent turning, respectively. Small grain condition ratings were similar to the previous week with the majority rated good to excellent.

Cool weather and rain kept the development of all other crops behind last year's pace and the average. Concerns about the late development remained high among producers. Sunflowers gained 26 percentage points to 91 percent blooming and beyond with only 5 percent of the ray flowers dried and/or dropped. The dry edible pea harvest continued to progress with 43 percent of the intended acres harvested, an increase of 26 percentage points from the previous week. Dry edible beans fully podded and beyond was at 25 percent compared with 62 percent last year and the average of 69 percent. Eleven percent of the corn was at or beyond the dough stage, behind 30 percent last year and 59 percent average. Soybeans fully podded and beyond was at 21 percent, behind last year's 62 percent and the average of 71 percent. Condition ratings for dry edible peas, flaxseed, potatoes and sunflowers all improved slightly from the previous week while canola and dry edible beans declined slightly. Sunflower condition ratings improved the most and were up 5 percentage points to 83 percent in the good to excellent categories.

**Livestock:** Haying continued this week with portions of the state mostly completed and others still winding down. The second cutting of alfalfa was 76 percent complete, behind last year's 77 percent and the average of 85 percent. The cutting of other hay reached 90 percent complete, behind 95 percent last year. The hay crop condition was rated 1 percent very poor, 4 poor, 21 fair, 60 good and 14 excellent. Pasture and range conditions were rated 1 percent very poor, 4 poor, 24 fair, 63 good and 8 excellent. Stockwater supplies were rated 98 percent adequate to surplus, compared with 51 percent last year and 66 percent average.

## Crop and Pasture Condition North Dakota, Week Ending August 23, 2009

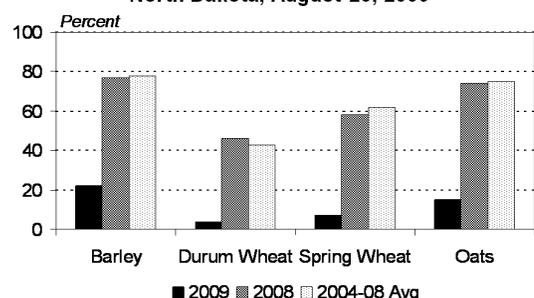
Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Barley	0	1	10	72	17
Durum Wheat	0	1	18	67	14
Spring Wheat	0	1	11	69	19
Canola	0	1	10	73	16
Corn	2	5	27	57	9
Dry Edible Beans	2	5	31	55	7
Dry Edible Peas	0	0	15	70	15
Flaxseed	0	1	20	70	9
Potatoes	7	6	13	51	23
Soybeans	1	4	23	62	10
Sugarbeets	2	4	14	67	13
Sunflower	0	1	16	71	12
Pasture and Range	1	4	24	63	8

## Crop Development Progress North Dakota, Week Ending August 23, 2009<sup>1 2</sup>

Crop	Week Ending			2004-2008 Avg
	Aug 23, 2009	Aug 16, 2009	Aug 23, 2008	
	Percent	Percent	Percent	Percent
<b>Barley</b>				
Turning	97	92	100	99
Harvested	22	7	77	78
<b>Durum Wheat</b>				
Turning	83	64	92	89
Harvested	4	2	46	43
<b>Spring Wheat</b>				
Turning	88	70	99	98
Harvested	7	3	58	62
<b>Oats</b>				
Turning	97	89	100	99
Harvested	15	10	74	75
<b>Canola</b>				
Turning	78	67	93	95
Swathed	25	8	63	78
Harvested	2	NA	17	33
<b>Corn, All</b>				
Silking	94	86	98	99
Dough	11	3	30	59
<b>Dry Edible Beans</b>				
Setting Pods	95	89	99	99
Fully Podded	25	17	62	69
Lower Leaves Yellowing	3	2	27	37
<b>Dry Edible Peas</b>				
Mature	98	89	100	NA
Harvested	43	17	91	NA
<b>Flaxseed</b>				
Turning	73	51	89	89
Harvested	2	0	11	14
<b>Potatoes</b>				
Rows Filled	95	91	99	100
Vines Killed	4	2	15	18
<b>Soybeans</b>				
Setting Pods	92	81	99	99
Fully Podded	21	9	62	71
Lower Leaves Yellowing	1	NA	7	13
<b>Sunflowers</b>				
Blooming	91	65	97	96
Rays Flowers Dried/Dropped	5	NA	25	37

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

### Small Grains: Harvested North Dakota, August 23, 2009



~ Compiled and Published by ~

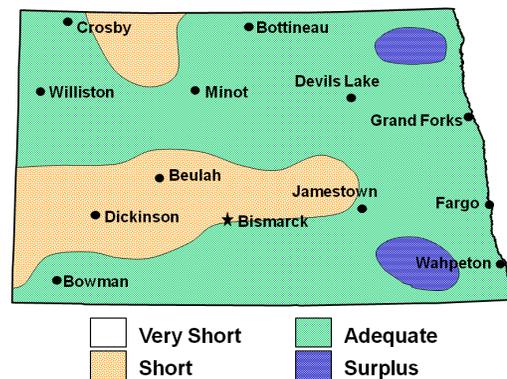
OFFICIAL BUSINESS  
 Penalty for Private Use, \$300

ADDRESS SERVICE REQUESTED

**Soil Moisture Supplies  
 North Dakota, Week Ending August 23, 2009**

Date	Week Ending			2004-2008 Avg
	August 23, 2009	August 16, 2009	August 23, 2008	
	Percent	Percent	Percent	Percent
<b>Topsoil</b>				
Very Short	0	1	20	15
Short	23	22	24	26
Adequate	73	75	55	56
Surplus	4	2	1	3
<b>Subsoil</b>				
Very Short	1	1	24	17
Short	20	21	28	27
Adequate	74	75	48	53
Surplus	5	3	0	3

**Topsoil Moisture Supplies  
 North Dakota, August 23, 2009**



**Weather:** Temperatures were below normal across the state this past week with above normal precipitation in parts of the northwest and east with below normal precipitation elsewhere. There were a few showers in the central and east on Monday with highs in the mid-60s to mid-70s. Highs on Tuesday were in the mid-70s to mid-80s with a few showers and thunderstorms in the southwest and east. There were showers and thunderstorms across the state on Wednesday with highs in the low to mid-70s. Showers and thunderstorms continued in the east on Thursday with highs in the upper 60s to mid-70s. Highs on Friday were in the 60s and 70s with mainly dry conditions. Saturday was dry with highs in the 70s to low 90s. There were showers and thunderstorms in the northwest on Sunday with highs in the 80s to low 90s. A few thunderstorms produced large hail in the northwest on Sunday. Dry conditions continued in the north central through the southeast area of the state with moderate drought conditions in parts of the east central region.

**Outlook, August 24-30:** Temperatures will be near to below normal across the state this upcoming week. Precipitation will be below normal across most of the state. The best chance for near normal temperatures will occur in the west. Highs on Monday will be in the 70s to low 80s with a chance of showers and thunderstorms statewide. Tuesday and Wednesday will be dry with highs in the 70s to low 80s. Highs on Thursday will be in the upper 70s to mid-80s with dry conditions. Friday will be dry with highs in the 70s to low 80s. Highs on Saturday and Sunday will be in the 70s to low 80s with dry conditions.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending August 23, 2009**

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)	65	-1	0.30	7.37	-3.10
N. Central(2)	62	-3	0.17	9.27	-2.23
Northeast(3)	62	-4	0.86	11.48	0.00
W. Central(4)	66	-2	0.29	9.41	-1.20
Central (5)	63	-4	0.23	8.20	-3.08
E. Central(6)	63	-4	0.66	7.81	-4.81
Southwest(7)	66	-2	0.17	9.20	-0.95
S. Central(8)	66	-2	0.18	11.79	0.79
Southeast(9)	64	-3	0.18	12.43	-0.07

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending August 23, 2009**

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	86	41	0.06	6.63	-4.25
Williston	89	48	0.85	8.05	-0.72
Mohall	85	43	0.00	7.18	-3.79
Minot	84	47	0.27	7.60	-3.66
(2) Baker	83	45	0.14	9.79	-1.37
Bottineau	86	35	0.16	8.21	-3.54
Rugby	84	40	0.20	9.80	-1.77
(3) Cando	81	39	0.35	9.65	-1.06
Cavalier	80	46	1.33	12.15	0.28
Forest River	82	46	1.60	11.98	0.58
Grand Forks	80	47	0.75	11.74	0.30
Langdon	80	44	0.32	12.45	0.42
St. Thomas	79	49	0.82	10.89	-0.51
(4) Hazen	87	43	0.11	9.25	-1.53
Turtle Lake	85	46	0.25	10.16	-1.03
Watford City	89	47	0.50	8.81	-1.03
(5) Carrington	83	40	0.51	8.38	-4.43
Harvey	85	43	0.05	7.19	-2.45
Jamestown	81	45	0.10	4.72	-7.00
Robinson	83	46	0.34	12.11	1.09
Streeter	82	45	0.14	8.60	-2.63
(6) Dazey	81	43	0.90	4.75	-7.97
Fargo	83	49	0.13	7.99	-4.34
Hillsboro	81	44	0.96	10.70	-2.12
(7) Beach	88	47	0.05	9.18	-0.42
Bowman	89	42	0.02	8.05	-1.84
Dickinson	87	44	0.13	10.18	-0.47
Hettinger	88	43	0.47	9.38	-1.06
(8) Mandan	86	47	0.20	14.20	2.84
Linton	86	47	0.17	9.39	-1.27
(9) Edgeley	79	44	0.10	8.66	-3.58
Oakes	83	49	0.25	15.11	3.36
Wyndmere	84	49	0.19	13.51	0.01

<sup>1</sup> Precipitation amounts may vary due to an inaccurate snowfall melt. <sup>2</sup> Normal is the 1971-2000 average. NA=Not available. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

<sup>1</sup> Precipitation amounts may vary due to an inaccurate snowfall melt. <sup>2</sup> Normal is the 1971-2000 average. NA=Not Available. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.