

# NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: July 6, 2009, Revised July 7, 2009  
For Week Ending: July 5, 2009  
ND-CW2709

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

**General:** Below normal precipitation across much of the state allowed for increased field activities, while small grain crop development made good progress, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Reporters commented that the primary field activities were scouting for insects and disease, haying and finishing up spraying. Post emergence spraying for the control of broadleaf weeds and wild oats was 88 and 92 percent complete, respectively. Topsoil moisture supplies were rated 13 percent short, 74 adequate and 13 surplus compared with the five-year (2004-2008) average of 8 percent very short, 22 short, 61 adequate and 9 surplus. Subsoil moisture supplies were rated 1 percent very short, 10 short, 72 adequate and 17 surplus compared with the five-year (2004-2008) average of 9 percent very short, 20 short, 61 adequate and 10 surplus. Statewide, on average, there were 6.0 days suitable for fieldwork last week.

**Crops:** All small grains advanced more than 20 percentage points in the boot and beyond stage, but still remained behind last year and the average. Seventeen percent of the spring wheat crop was at or beyond the headed stage, nearly two weeks behind the average. Durum wheat was 76 percent jointed, 38 boot and 8 headed, behind both last year and the average. Barley gained 33 percentage points to 52 percent boot and beyond, behind 84 percent last year and 85 percent average. Small grain condition ratings were similar to the previous week with the exception of Durum wheat which went down 14 percentage points to 72 percent good to excellent this past week.

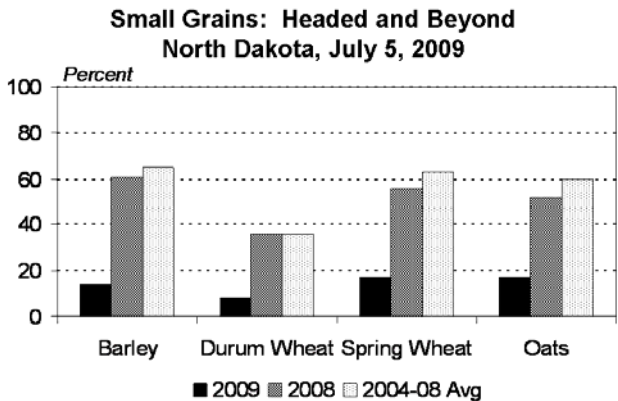
All other crop development remained behind last year and the average. Soybeans blooming and beyond were at 4 percent, compared with 9 percent last year and 16 percent average. Canola advanced 39 percentage points to 81 percent in the rosette and beyond stage, behind the average of 95 percent. Dry edible peas flowering were 62 percent complete, compared with 78 percent last year. Potatoes blooming and beyond were at 10 percent, compared with 20 percent last year and 36 percent average. Crop conditions for all other crops declined from the previous week, except for sunflowers and dry edible beans. Sunflower conditions improved 5 percentage points to 85 percent good to excellent, while the dry edible beans rating was similar to the previous week.

**Livestock:** The first cutting of alfalfa was 54 percent complete by week's end, compared with 50 percent last year and 65 percent on average. The cutting of other hay was 27 percent complete, compared with 30 percent last year and 36 percent on average. The hay crop condition was rated 1 percent very poor, 5 poor, 26 fair, 59 good and 9 excellent, compared with the average rating of 9 percent very poor, 16 poor, 27 fair, 39 good and 9 excellent. Pasture and range conditions were rated 2 percent very poor, 5 poor, 19 fair, 64 good and 10 excellent. Stockwater supplies were rated 98 percent adequate to surplus, compared with 58 percent last year and 79 percent on average.

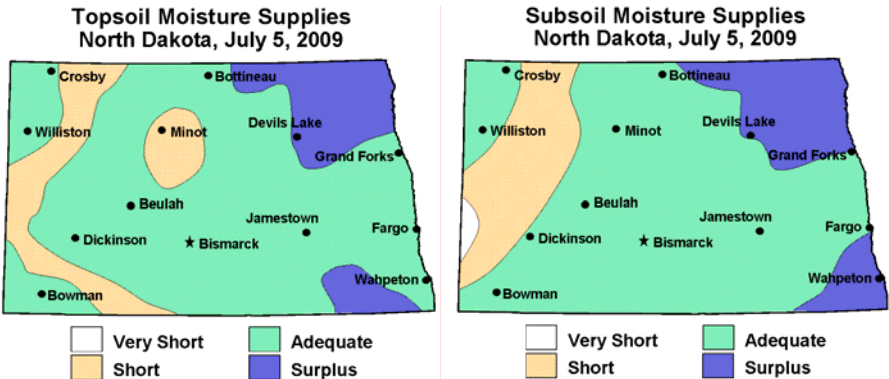
Crop and Pasture Condition North Dakota, Week Ending July 5, 2009					
Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Barley	0	1	14	69	16
Durum Wheat	0	2	26	66	6
Spring Wheat	0	2	14	68	16
Oats	0	1	10	77	12
Canola	1	1	23	57	18
Corn	1	2	21	64	12
Dry Edible Beans	2	3	20	61	14
Dry Edible Peas	0	0	20	75	5
Flaxseed	0	3	31	61	5
Potatoes	7	10	25	46	12
Soybeans	1	2	16	67	14
Sugarbeets	3	5	25	58	9
Sunflower	0	1	14	74	11
Pasture and Range	2	5	19	64	10

Crop Development Progress North Dakota, Week Ending July 5, 2009 <sup>1 2</sup>				
Crop	Week Ending			2004-2008 Avg
	July 5, 2009	June 28, 2009	July 5, 2008	
	Percent	Percent	Percent	Percent
<b>Barley</b>				
Jointed	86	60	97	96
Boot	52	19	84	85
Headed	14	0	61	65
<b>Durum Wheat</b>				
Jointed	76	47	83	82
Boot	38	15	59	59
Headed	8	NA	36	36
<b>Spring Wheat</b>				
Jointed	83	58	96	96
Boot	52	21	82	84
Headed	17	0	56	63
<b>Oats</b>				
Jointed	91	75	97	94
Boot	59	30	82	82
Headed	17	0	52	60
<b>Canola</b>				
Rosette	81	42	93	95
Blooming	28	NA	55	71
<b>Corn, All</b>				
Silking	0	0	1	2
<b>Dry Edible Beans</b>				
Emerged	98	94	100	100
Blooming	2	1	5	16
<b>Dry Edible Peas</b>				
Flowering	62	31	78	NA
<b>Flaxseed</b>				
Blooming	12	3	29	45
<b>Potatoes</b>				
Emerged	97	90	100	100
Blooming	10	2	20	36
<b>Soybeans</b>				
Emerged	100	97	100	100
Blooming	4	0	9	16
<b>Sunflowers</b>				
Emerged	98	92	100	99

<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



Soil Moisture Supplies North Dakota, Week Ending July 5, 2009				
Date	Week Ending			2004-2008 Avg
	July 5, 2009	June 28, 2009	July 5, 2008	
	Percent	Percent	Percent	Percent
Topsoil				
Very Short	0	0	7	8
Short	13	8	32	22
Adequate	74	71	60	61
Surplus	13	21	1	9
Subsoil				
Very Short	1	0	15	9
Short	10	8	31	20
Adequate	72	68	54	61
Surplus	17	24	0	10



**Weather:** Temperatures were below normal across much of the state this past week with near to above normal temperatures in the far west. Precipitation was below normal over most of the area with above normal precipitation in the far west. Monday was dry with highs in the 70s to mid-80s. There were showers and thunderstorms with large hail and damaging winds in the west on Tuesday with highs in the 70s to mid-80s. Highs on Wednesday and Thursday were in the mid-70s to mid-80s with a few showers in the west. There were showers and thunderstorms in the west on Friday with highs in the upper 60s to low 80s. Highs on Saturday were in the mid-70s to low 80s with a few showers and thunderstorms in the central part of the state. There were a few showers and thunderstorms in the west and southeast on Sunday with highs in the mid-70s to mid-80s.

**Outlook, July 6-12:** Temperatures will be near to below normal across the state this upcoming week with near to above normal precipitation. There will be numerous chances for showers and thunderstorms across much of the state through midweek with drier conditions returning by late in the week. Highs on Monday will be in the mid-70s to low 80s with a chance of showers and thunderstorms across the state. Some severe thunderstorms are possible in the west. The chance for showers and thunderstorms will continue throughout the state on Tuesday with highs in the upper 60s to low 80s. Severe thunderstorms are possible in the eastern half of the state on Tuesday. Highs on Wednesday and Thursday will be in the mid-70s to mid-80s with a chance of showers and thunderstorms across much of the state. There will be a chance for severe thunderstorms across the state on Wednesday and in the east on Thursday. Friday will be dry with highs in the 70s to low 80's. Dry conditions will continue on Saturday with highs in the mid-70s to low 80s. Highs on Sunday will be in the 70s to mid-80s with a chance of showers and thunderstorms in the east.

Temperature & Precipitation: Districts and Stations  
North Dakota, Week ending July 5, 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)	64	-1	0.17	4.07	-2.75
N. Central(2)	63	-2	0.19	6.30	-0.84
Northeast (3)	63	-3	0.03	7.61	0.52
W. Central(4)	65	-2	0.33	5.53	-1.85
Central (5)	65	-2	0.02	5.19	-1.98
E. Central(6)	67	0	0.00	4.73	-3.24
Southwest(7)	68	0	0.52	5.90	-1.57
S. Central(8)	66	-2	0.03	7.83	0.56
Southeast(9)	69	0	0.26	8.40	0.06

Temperature & Precipitation: Districts and Stations  
North Dakota, Week ending July 5, 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	79	47	0.03	3.60	-3.38
Williston	81	54	0.65	4.22	-1.53
Mohall	79	45	0.00	3.90	-3.05
Minot	79	52	0.00	4.55	-3.04
(2) Baker	78	52	0.02	7.18	0.23
Bottineau	80	44	0.50	4.72	-2.56
Rugby	78	51	0.04	7.01	-0.18
(3) Cando	76	50	0.04	5.82	-0.92
Cavalier	76	48	0.09	8.84	1.77
Forest River	76	51	0.05	7.62	0.32
Grand Forks	80	53	0.00	7.30	0.48
Langdon	75	49	0.00	7.89	0.61
St. Thomas	77	53	0.02	8.18	0.88
(4) Hazen	80	48	0.00	6.56	-1.22
Turtle Lake	79	50	0.07	6.31	-1.23
Watford City	82	54	0.93	3.71	-3.11
(5) Carrington	80	51	0.00	4.95	-3.41
Harvey	80	50	0.01	4.67	-1.33
Jamestown	82	52	0.00	3.38	-3.87
Robinson	80	53	0.11	8.83	1.44
Streeter	81	50	0.00	4.13	-2.74
(6) Dazey	82	52	0.00	2.68	-5.12
Fargo	83	54	0.00	5.62	-2.48
Hillsboro	82	54	0.00	5.90	-2.11
(7) Beach	87	53	0.80	5.62	-1.42
Bowman	85	50	0.29	4.97	-2.43
Dickinson	79	53	0.08	6.48	-1.41
Hettinger	85	52	0.90	6.52	-1.04
(8) Mandan	82	52	0.00	10.54	3.14
Linton	82	51	0.06	5.12	-2.03
(9) Edgeley	83	53	0.00	4.92	-3.38
Oakes	83	56	0.77	9.22	1.20
Wyndmere	83	57	0.01	11.05	2.37

<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.