

# NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



USDA, NASS  
North Dakota  
Field Office

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

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For Week Ending: July 19, 2009  
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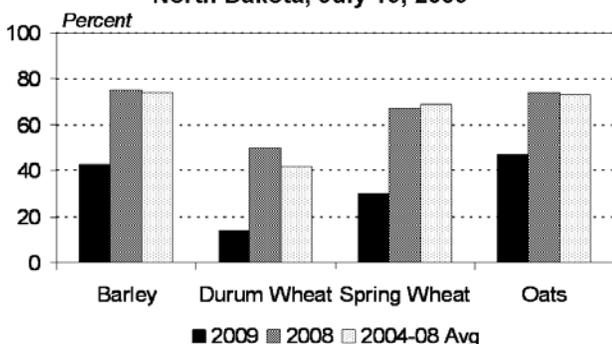
**General:** Below normal temperatures and precipitation enabled producers to spray crops and cut hay, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. However, the cool temperatures further delayed late season crop development. Reporters noted that producers are spraying fungicide on small grains. Observers commented that the grasshopper population appears to be higher than normal. Topsoil moisture supplies were rated 12 percent short, 79 adequate and 9 surplus compared with the five-year (2004-2008) average of 16 percent very short, 26 short, 52 adequate and 6 surplus. Subsoil moisture supplies were rated 1 percent very short, 10 short, 80 adequate and 9 surplus compared with the average of 14 percent very short, 25 short, 55 adequate and 6 surplus. Statewide, on average, there were 6.0 days suitable for fieldwork last week.

**Crops:** Small grain development made good progress last week, but still remained behind last year and the average. Reporters commented that the cool weather was beneficial for small grains. All small grains gained over 25 percentage points in the headed stage, and except for Durum wheat, all small grains gained over 20 percentage points in the milk stage. Spring wheat was at or beyond 79 percent headed and 30 percent milk, compared with the average of 93 percent headed and 69 percent milk. Fourteen percent of the Durum wheat was at or beyond the milk stage, while all other small grains were at or above 30 percent milk and beyond. Small grain condition ratings were similar to the previous week.

All other crop development remained behind the average, and with the exception of potatoes, all other crops were behind last year as well. Observers noted that the cool weather, along with late planting, continued to be a concern for producers of late maturing crops. Dry edible pea flowering was virtually complete and 3 percent of the crop had begun to mature. Soybeans blooming and beyond, at 37 percent, continued behind last year and the average. Dry edible beans blooming were 35 percent complete, compared with 41 percent last year and 54 percent average. Flaxseed blooming and beyond was at 70 percent, behind both last year and the average of 86 percent.

**Livestock:** Reporters commented that many producers were haying this past week. The first cutting of alfalfa was 88 percent complete, while the second cutting of alfalfa was 4 percent complete. The cutting of other hay reached 59 percent complete, compared with 66 percent last year and 67 percent average. The hay crop condition was rated 1 percent very poor, 4 poor, 21 fair, 61 good and 13 excellent. Pasture and range conditions were rated 3 percent poor, 19 fair, 63 good and 15 excellent, compared with the average rating of 12 percent very poor, 17 poor, 26 fair, 38 good and 7 excellent. Stockwater supplies were rated 98 percent adequate to surplus, compared with 56 percent last year and 72 percent average.

**Small Grains: Milk and Beyond  
North Dakota, July 19, 2009**



**Crop and Pasture Condition  
North Dakota, Week Ending July 19, 2009**

Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Barley	0	1	12	73	14
Durum Wheat	0	1	16	69	14
Spring Wheat	0	2	13	67	18
Oats	0	1	8	73	18
Canola	1	1	19	60	19
Corn	1	3	17	65	14
Dry Edible Beans	2	3	32	58	5
Dry Edible Peas	0	0	15	78	7
Flaxseed	0	1	20	73	6
Potatoes	8	5	28	42	17
Soybeans	1	2	16	69	12
Sugarbeets	1	2	15	61	21
Sunflower	0	1	16	70	13
Pasture and Range	0	3	19	63	15

**Crop Development Progress  
North Dakota, Week Ending July 19, 2009<sup>1,2</sup>**

Crop	Week Ending			2004-2008 Avg
	July 19, 2009	July 12, 2009	July 19, 2008	
	Percent	Percent	Percent	Percent
<b>Barley</b>				
Boot	98	81	100	99
Headed	86	54	98	95
Milk	43	9	75	74
Turning	4	NA	33	39
<b>Durum Wheat</b>				
Jointed	96	83	98	97
Boot	86	60	93	90
Headed	62	32	84	76
Milk	14	3	50	42
Turning	0	NA	16	12
<b>Spring Wheat</b>				
Jointed	99	93	100	100
Boot	92	77	100	99
Headed	79	48	96	93
Milk	30	9	67	69
Turning	2	NA	19	29
<b>Oats</b>				
Boot	97	84	100	99
Headed	89	63	96	94
Milk	47	23	74	73
Turning	3	0	26	36
<b>Canola</b>				
Blooming	84	68	95	97
Turning	1	NA	16	21
<b>Corn, All</b>				
Silking	3	1	3	22
<b>Dry Edible Beans</b>				
Blooming	35	10	41	54
Setting Pods	2	NA	6	19
<b>Dry Edible Peas</b>				
Flowering	98	88	99	NA
Mature	3	NA	39	NA
<b>Flaxseed</b>				
Blooming	70	47	86	86
Turning	0	NA	5	10
<b>Potatoes</b>				
Blooming	69	28	58	79
Rows Filled	23	NA	19	43
<b>Soybeans</b>				
Blooming	37	13	57	64
Setting Pods	6	NA	12	22
<b>Sunflowers</b>				
Blooming	1	1	4	7

<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

~ Compiled and Published by ~

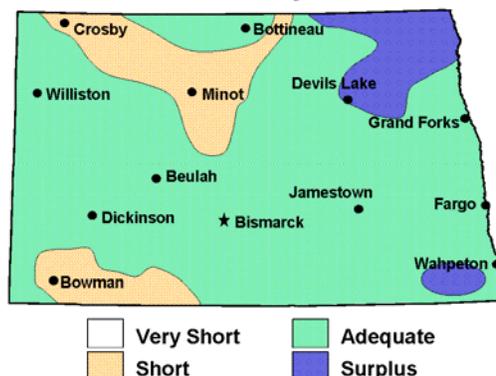
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**Soil Moisture Supplies  
 North Dakota, Week Ending July 19, 2009**

Date	Week Ending			2004-2008 Avg
	July 19, 2009	July 12, 2009	July 19, 2008	
	Percent	Percent	Percent	Percent
<b>Topsoil</b>				
Very Short	0	0	18	16
Short	12	14	36	26
Adequate	79	75	45	52
Surplus	9	11	1	6
<b>Subsoil</b>				
Very Short	1	0	19	14
Short	10	9	35	25
Adequate	80	76	46	55
Surplus	9	15	0	6

**Topsoil Moisture Supplies  
 North Dakota, July 19, 2009**



**Weather:** Temperatures were below normal statewide this past week with above normal precipitation in parts of the north central and southern areas of the state. Most of the state received below normal precipitation. There were showers and thunderstorms in the central and west on Monday with highs in the 60s to mid-70s. A few of the storms produced large hail and damaging winds in the southwest on Monday. Highs on Tuesday were in the 70s with showers and thunderstorms across much of the state. Wednesday and Thursday were dry with highs in the mid-60s to mid-70s. Dry conditions continued on Friday with highs in the 70s. Highs on Saturday were in the 70s to mid-80s with dry conditions. There were a few showers and thunderstorms in the western and central areas of the state on Sunday with highs in the 80s to mid-90s. There were a few reports of large hail in the west and central areas on Sunday.

**Outlook, July 20-26:** Temperatures will be below normal across much of the state this upcoming week with below normal precipitation in most areas. The best chances for precipitation will occur on Monday and again late in the week. There will be a chance of showers and thunderstorms on Monday with highs in the mid-70s to low 80s. Tuesday will be dry with highs in the mid-70s to low 80s. Highs on Wednesday and Thursday will be in the upper 70s to mid-80s with dry conditions. There will be a chance of showers and thunderstorms in the east on Friday with highs in the mid-70s to mid-80s. The chance of showers and thunderstorms will continue in the east on Saturday with highs in the 70s. Sunday will be dry with highs in the 70s.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending July 19, 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	40	0.17	5.49	-2.89
Williston	92	44	0.25	5.92	-0.92
Mohall	83	41	0.43	6.03	-2.25
Minot	82	43	0.00	6.09	-2.77
(2) Baker	81	43	0.17	8.58	0.14
Bottineau	81	41	0.66	6.93	-1.75
Rugby	79	43	0.30	8.78	0.08
(3) Cando	80	43	0.24	7.73	-0.30
Cavalier	82	43	0.23	9.44	0.83
Forest River	81	44	0.74	8.61	0.02
Grand Forks	80	46	0.29	7.80	-0.30
Langdon	79	46	1.15	10.69	1.98
St. Thomas	81	47	0.40	8.80	0.21
(4) Hazen	84	39	0.58	8.54	-0.36
Turtle Lake	81	42	0.20	8.68	-0.11
Watford City	91	45	0.15	6.54	-1.31
(5) Carrington	78	44	0.38	6.20	-3.61
Harvey	81	42	0.19	6.25	-0.78
Jamestown	80	46	0.14	4.08	-4.68
Robinson	79	46	0.15	11.11	2.38
Streeter	79	44	0.46	5.70	-2.59
(6) Dazey	79	46	0.13	3.05	-6.29
Fargo	79	48	0.09	5.83	-3.59
Hillsboro	80	47	0.29	6.82	-2.66
(7) Beach	92	46	0.96	6.81	-1.14
Bowman	93	45	1.15	6.37	-2.00
Dickinson	85	44	0.65	9.15	0.26
Hettinger	89	41	0.91	7.64	-0.95
(8) Mandan	80	44	1.68	13.51	4.75
Linton	79	44	0.81	7.10	-1.25
(9) Edgeley	78	47	0.46	6.64	-2.58
Oakes	79	49	0.53	10.31	0.98
Wyndmere	78	51	0.69	11.86	1.64

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending July 19, 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)	63	-4	0.21	5.88	-2.21
N. Central(2)	61	-6	0.38	8.10	-0.51
Northeast(3)	62	-6	0.51	8.84	0.41
W. Central(4)	63	-6	0.31	7.92	-0.59
Central (5)	61	-8	0.26	6.67	-1.86
E. Central(6)	63	-6	0.17	5.23	-4.18
Southwest(7)	66	-2	0.92	7.49	-0.96
S. Central(8)	61	-9	1.25	10.30	1.75
Southeast(9)	63	-7	0.56	9.60	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.

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