

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

Released: July 9, 2007
For Week Ending: July 8, 2007
ND-CW2807

General: Above normal temperatures prevailed last week as all crops made excellent progress, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. With only scattered precipitation received the past few weeks, moisture and heat stress are starting to show in crops and pastures. Reports noted that producers continued to apply chemicals to protect their crop's high yield potential. Post emergence spraying for the control of broadleaf weeds and wild oats was virtually complete at 98 and 99 percent, respectively. Topsoil moisture supplies were rated 73 percent adequate to surplus. This compares with last year and the five-year (2002-2006) average, of 26 and 69 percent adequate to surplus, respectively. Subsoil moisture supplies were rated 1 percent very short, 16 short, 77 adequate and 6 surplus. Statewide, on average, there were 6.6 days suitable for fieldwork.

Crops: Adequate moisture for crops continues to be a concern for producers as their crops have entered critical developmental stages. Over half of the durum wheat was headed by week's end. Small grain crop development in the milk stage made the most progress during the week. Barley, spring wheat and oats in the milk stage, advanced at least 32 percentage points to 54, 41 and 48 percent complete, respectively. Small grain crop conditions were rated mostly good to excellent. Corn silking, at 7 percent complete, was ahead of both last year and average. Potatoes in the blooming developmental stage advanced 27 percentage points during the week to 67 percent complete. Although limited moisture has caused some deterioration of all other crop conditions, they remain being rated mostly good to excellent.

Livestock: Warm, dry weather allowed producers to make excellent progress harvesting hay during the week. Other hay, at 55 percent complete, advanced 21 percentage points from last week. The first cutting of alfalfa was 85 percent complete by week's end. The cutting of both hay crops was behind last year, but ahead of the average pace. Hay condition was rated 3 percent poor, 15 fair, 63 good and 19 excellent. Pasture and range conditions were rated 1 percent very poor, 3 poor, 19 fair, 63 good and 14 excellent, compared with 13 percent very poor, 15 poor, 26 fair, 37 good and 8 excellent on average. Stockwater supplies were rated 91 percent adequate to surplus, compared with 61 percent adequate to surplus last year.

Crop and Pasture Condition North Dakota, Week Ending July 8, 2007

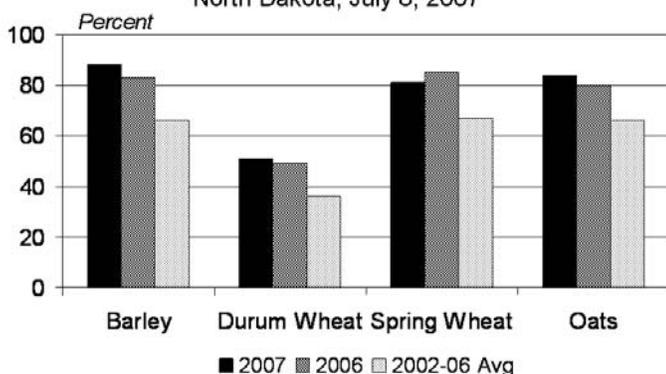
Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Barley	1	1	9	69	20
Durum Wheat	0	1	9	76	14
Spring Wheat	1	2	9	70	18
Oats	0	1	7	82	10
Canola	0	1	12	67	20
Corn	1	4	14	63	18
Dry Edible Beans	3	6	23	56	12
Dry Edible Peas	1	1	9	75	14
Flaxseed	0	1	7	81	11
Potatoes	3	5	14	53	25
Soybeans	2	3	15	62	18
Sugarbeets	2	5	18	51	24
Sunflower	1	2	10	71	16
Hay	0	3	15	63	19
Pasture and Range	1	3	19	63	14

Crop Development Progress North Dakota, Week Ending July 8, 2007^{1/2/}

Crop	Week Ending			2002-2006 Avg
	July 8, 2007	July 1, 2007	July 8, 2006	
	Percent	Percent	Percent	Percent
BARLEY				
Boot	96	89	96	86
Headed	88	71	83	66
Milk	54	15	48	29
Turning	10	1	14	7
DURUM WHEAT				
Jointed	86	77	94	86
Boot	69	55	79	62
Headed	51	26	49	36
Milk	12	2	15	9
Turning	1	0	4	1
SPRING WHEAT				
Boot	95	84	96	85
Headed	81	55	85	67
Milk	41	9	46	28
Turning	4	1	12	5
OATS				
Jointed	99	96	99	96
Boot	94	83	95	84
Headed	84	57	80	66
Milk	48	16	52	31
Turning	9	3	21	7
CANOLA				
Blooming	89	72	86	79
Turning	3	NA	5	2
CORN				
Silking	7	2	6	2
DRY EDIBLE BEANS				
Blooming	31	17	41	18
Setting Pods	4	1	7	2
DRY EDIBLE PEAS				
Flowering	94	89	94	NA
Mature	3	NA	6	NA
FLAXSEED				
Blooming	52	29	78	54
Turning	1	NA	3	1
POTATOES				
Blooming	67	40	78	44
Rows Filled	23	5	48	22
SOYBEANS				
Blooming	27	8	45	19
Setting Pods	0	NA	5	2
SUNFLOWERS				
Blooming	2	0	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

Crops: Headed and Beyond
North Dakota, July 8, 2007



~ Compiled and Published by ~

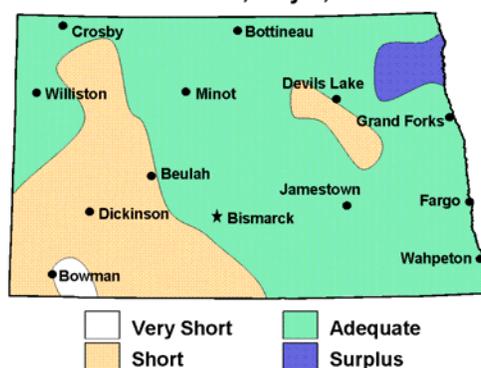
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**Soil Moisture Supplies
 North Dakota, Week Ending July 8, 2007**

Date	Week Ending			2002-2006 Avg
	July 8, 2007	July 1, 2007	July 8, 2006	
	Percent	Percent	Percent	Percent
Topsoil				
Very Short	1	1	30	12
Short	26	16	44	19
Adequate	69	73	26	58
Surplus	4	10	0	11
Subsoil				
Very Short	1	1	21	11
Short	16	10	39	20
Adequate	77	78	39	57
Surplus	6	11	1	12

**Topsoil Moisture Supplies
 North Dakota, July 8, 2007**



Weather: Monday brought in some scattered storms in the western and central part of the state. With Monday's storms numerous high wind reports occurred in the central region with three hail reports in the northwestern and central region of the state. Tuesday highs climbed into the upper 80s to lower 90s as a system of storms moved through the state. On Wednesday, a few scattered storms moved across the central and eastern parts of the state. Thursday and Friday were quiet as highs continued to stay in the upper 80s to lower 90s. Saturday highs climbed into the triple digits in some areas and were in the 90s elsewhere. A cold front brought moisture to the northwestern to southeastern parts of the state. Sunday was much cooler with highs only in the mid-70s to mid-80s as some more moisture fell mainly in the western and central regions of the state.

Outlook, July 9-15: Monday will start off the week with highs in the 80s. There is a slight chance that Monday's storms will be strong with high winds and hail. On Tuesday, the threat of precipitation continues as the system moves out of the state. Most of the precipitation will be in the central to eastern parts of the state. Wednesday another threat of moisture occurs with scattered showers in the eastern parts of the state. The rest of the work week stays calm and dry as highs climb into the upper 70s to lower 80s by Friday. Saturday temperatures will climb into the 80s as the state remains dry. Sunday returns the threat of precipitation in the form of isolated storms mainly in the eastern part of the state.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending July 8, 2007**

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1 ^{1/}		
	Past Week	Depart Normal ^{2/}	Past Week	Total	Depart Normal ^{2/}
	(Degrees F)	(Degrees F)	(Inches)	(Inches)	(Inches)
Northwest(1)	74	7	0.39	9.02	1.92
N. Central(2)	74	7	0.24	10.15	2.69
Northeast(3)	74	6	0.17	11.77	4.37
W. Central(4)	76	7	0.33	7.74	0.09
Central(5)	75	6	0.12	10.83	3.35
E. Central(6)	75	6	0.01	11.15	2.86
Southwest(7)	77	9	0.71	8.97	1.27
S. Central(8)	77	8	0.22	11.04	3.49
Southeast(9)	78	8	0.28	13.50	4.89

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending July 8, 2007**

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1 ^{1/}		
	High	Low	Past Week	Total	Depart Normal ^{2/}
	(Degrees F)	(Degrees F)	(Inches)	(Inches)	(Inches)
(1) Bowbells	89	55	0.38	9.01	1.73
Williston	96	56	0.54	8.23	2.24
Mohall	90	54	0.19	8.82	1.57
Minot	93	60	0.45	10.02	2.13
(2) Baker	93	58	0.43	11.36	4.08
Bottineau	91	52	0.09	9.78	2.20
Rugby	94	56	0.19	9.32	1.80
(3) Cando	92	55	0.03	11.65	4.61
Cavalier	94	56	0.10	12.24	4.84
Forest River	96	58	0.37	11.23	3.63
Grand Forks	92	55	0.00	9.53	2.42
Langdon	91	57	0.01	10.03	2.42
St. Thomas	93	58	0.53	15.92	8.32
(4) Hazen	100	51	0.20	7.28	-0.77
Turtle Lake	95	58	0.34	9.32	1.49
Watford City	96	57	0.46	6.61	-0.45
(5) Carrington	95	55	0.11	8.39	-0.30
Harvey	94	55	0.33	10.60	4.36
Jamestown	94	57	0.12	13.18	5.60
Robinson	94	56	0.00	9.36	1.67
Streeter	93	58	0.04	12.62	5.43
(6) Dazey	92	57	0.04	11.07	2.94
Fargo	98	59	0.00	11.83	3.43
Hillsboro	94	55	0.00	10.55	2.21
(7) Beach	96	56	1.51	9.16	1.91
Bowman	98	53	0.39	10.00	2.36
Dickinson	100	58	0.65	6.65	-1.48
Hettinger	100	56	0.28	10.08	2.28
(8) Mandan	98	57	0.19	12.41	4.71
Linton	96	60	0.25	9.68	2.26
(9) Edgeley	96	59	0.27	10.11	1.60
Oakes	97	60	0.37	15.46	7.14
Wyndmere	96	61	0.19	14.93	5.92

^{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.

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