

# NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



USDA, NASS  
North Dakota  
Field Office

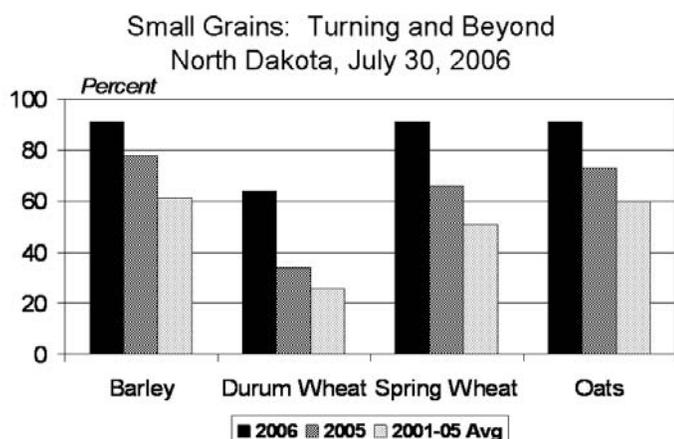
Cooperating With:  
NDSU EXTENSION SERVICE,  
FARM SERVICE AGENCY,  
ND AG WEATHER NETWORK (NDAWN)  
and  
UND AEROSPACE REGIONAL WEATHER  
INFORMATION CENTER

Released: July 31, 2006  
For Week Ending: July 30, 2006  
ND-CW3006

**General:** Temperatures were above average during the week as several record highs were set across the state, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Multiple thunderstorms brought heavy rainfall to isolated locations stretching from central to eastern North Dakota; however, crops in most areas continue to be stressed by drought conditions. Reporters noted that fires are a concern of farmers and ranchers due to continued hot and dry conditions, especially in the southwest and south central districts. It was also noted that producers in the eastern districts were spraying for insects. Topsoil moisture supplies were rated 55 percent very short, 35 short and 10 adequate, compared with the five-year (2001-2005) average of 10 percent very short, 23 short, 60 adequate and 7 surplus. Statewide, on average, there were 6.6 days suitable for fieldwork.

**Crops:** Harvest continued for all small grain crops, ahead of the average pace. Spring wheat was 21 percent harvested by week's end, more than a week ahead of average. Durum wheat turning was at 64 percent, and harvest was 6 percent complete. Barley and oats were 26 and 38 percent harvested, respectively, both ahead of last year and average. Corn silking, at 91 percent complete, gained 31 percentage points from the previous week. Soybeans fully podded advanced to 26 percent complete. Corn crop conditions were rated 34 percent good to excellent, compared with 69 percent on average. Soybeans were rated 37 percent good to excellent, compared with 70 percent last year.

**Livestock:** Livestock producers continued baling hay, including CRP acreage. Pasture and range conditions were rated 7 percent good to excellent, compared with 46 percent on average. Stockwater supplies were rated 29 percent very short, 35 short and 36 adequate. The second cutting of alfalfa was 74 percent complete, while harvest of other hay was 90 percent complete. The hay crop condition was rated 11 percent good to excellent, compared with 75 percent good to excellent last year.



## Crops Harvested: Percent Completed, by District North Dakota, Week Ending July 30, 2006

Crop	NW	NC	NE	WC	Percent				
					C	EC	SW	SC	SE
Barley	12	10	18	30	40	63	43	41	41
Spring Wheat	1	2	7	22	19	24	39	51	27
Oats	4	10	19	35	45	26	40	63	37
Dry Edible Peas	39	8	4	69	50	37	54	25	45

NA = Not Available.

## Crop Development Progress North Dakota, Week Ending July 30, 2006 <sup>1/2/</sup>

Crop	Week Ending			2001-2005 Avg
	July 30, 2006	July 23, 2006	July 30, 2005	
	Percent	Percent	Percent	Percent
BARLEY				
Milk	98	94	95	90
Turning	91	76	78	61
Harvested	26	11	5	4
DURUM WHEAT				
Milk	91	71	74	64
Turning	64	28	34	26
Harvested	6	2	1	1
SPRING WHEAT				
Turning	91	68	66	51
Harvested	21	5	2	2
OATS				
Milk	98	93	94	89
Turning	91	74	73	60
Harvested	38	19	7	5
CANOLA				
Turning	72	51	53	46
Swathed	16	3	7	8
Harvested	2	NA	1	0
CORN				
Silking	91	60	78	68
Dough	10	3	6	6
DRY EDIBLE BEANS				
Setting Pods	88	63	52	41
Fully Podded	13	3	2	3
DRY EDIBLE PEAS				
Mature	89	69	73	NA
Harvested	38	16	5	NA
FLAXSEED				
Turning	62	37	40	24
Harvested	2	NA	0	0
POTATOES				
Rows Filled	95	90	66	79
Vines Killed	5	4	0	0
SOYBEANS				
Setting Pods	93	71	60	56
Fully Podded	26	10	6	7
SUNFLOWER				
Blooming	63	26	33	20

<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

## Crop and Pasture Condition North Dakota, Week Ending July 30, 2006

Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Barley	10	18	36	34	2
Durum Wheat	5	25	46	24	0
Spring Wheat	14	22	34	28	2
Oats	34	26	23	16	1
Canola	6	13	40	37	4
Corn	14	18	34	32	2
Dry Edible Beans	6	21	44	28	1
Dry Edible Peas	6	15	39	39	1
Flaxseed	8	17	49	25	1
Potatoes	7	21	36	33	3
Soybeans	6	19	38	33	4
Sugarbeets	1	9	28	59	3
Sunflower	15	14	37	33	1
Pasture and Range	39	32	22	7	0

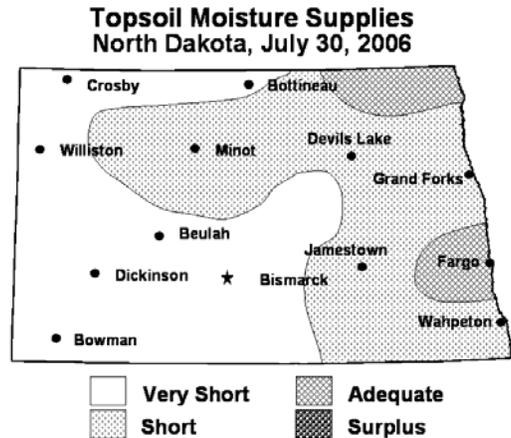
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**Soil Moisture Supplies  
 North Dakota, July 30, 2006 with Comparisons**

Date	Week Ending			2001-2005 Avg
	July 30, 2006	July 23, 2006	July 30, 2005	
	Percent	Percent	Percent	Percent
<b>Topsoil</b>				
Very Short	55	50	1	10
Short	35	40	16	23
Adequate	10	10	77	60
Surplus	0	0	6	7
<b>Subsoil</b>				
Very Short	40	35	2	9
Short	43	45	11	19
Adequate	17	20	78	64
Surplus	0	0	9	8



**Weather:** The week started off with temperatures in the mid to upper 80s east and the low to mid-90s south and west. Thunderstorms moved across eastern parts of the state on Tuesday, bringing up to an inch of rain in some areas. Temperatures warmed through midweek, with many areas climbing into the 90s under dry conditions. Slightly cooler temperatures arrived toward the end of the week, with highs in the 80s east to around 90 degrees west. Intense heat moved in on Saturday and Sunday, with highs ranging from the mid-90s to low 100s. Several record high temperatures were set on Sunday, including Bismarck, Jamestown and Williston. Thunderstorms developed late on Sunday, stretching from central to northeastern North Dakota. Heavy rainfall occurred across several counties in extreme northeast North Dakota, where some locations picked up close to 3 inches of rain.

**Outlook, July 31-August 6:** A cold front will move across the state on Monday, bringing much cooler temperatures and lower humidity. A few showers and thunderstorms may develop along the front, especially in the southeastern parts of the state. Look for a chance of thunderstorms in the west on Tuesday. There will be another chance of thunderstorms in the western half of the state on Friday and into Saturday. High temperatures will be in the upper 70s northeast to the mid-80s southwest on Tuesday and Wednesday. Temperatures will warm a bit on Thursday with highs in the low 90s south and west to the mid-80s north and east. Temperatures should remain in the 80s for daily highs across the state for the rest of the week.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending July 30, 2006**

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	94	48	0.03	5.05	-4.29
Williston	98	58	0.37	7.26	-0.31
Mohall	94	47	0.00	5.27	-3.96
Minot	93	53	0.38	5.52	-4.20
(2) Baker	91	53	0.21	4.48	-5.00
Bottineau	93	47	0.05	4.14	-5.54
Rugby	92	54	0.36	4.00	-5.76
(3) Cando	92	52	0.49	5.36	-3.61
Cavalier	94	53	1.58	5.91	-3.82
Forest River	96	54	0.67	4.43	-5.06
Grand Forks	96	57	0.43	4.77	-4.34
Langdon	89	51	1.67	6.09	-3.72
St. Thomas	96	53	0.56	3.80	-5.69
(4) Hazen	97	57	0.29	5.77	-3.82
Turtle Lake	94	56	0.49	5.32	-4.31
Watford City	99	58	0.07	7.41	-1.10
(5) Carrington	100	57	0.17	6.90	-3.90
Harvey	95	56	0.15	4.47	-3.33
Jamestown	105	57	0.32	5.77	-4.06
Robinson	105	57	1.15	6.98	-2.63
Streeter	106	58	0.63	6.88	-2.44
(6) Dazey	102	58	0.63	5.01	-5.47
Fargo	103	62	2.01	6.19	-4.18
Hillsboro	96	61	0.65	4.57	-6.01
(7) Beach	98	56	0.12	7.30	-1.24
Bowman	103	57	0.02	8.16	-0.80
Dickinson	102	58	0.00	7.50	-1.99
Hettinger	107	56	0.19	5.69	-3.56
(8) Mandan	109	60	0.26	4.32	-5.40
Linton	108	63	0.26	5.12	-4.07
(9) Edgeley	108	59	0.23	6.94	-3.05
Oakes	103	62	0.40	7.92	-2.28
Wyndmere	101	62	0.27	6.41	-4.93

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending July 30, 2006**

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)	73	4	0.20	5.78	-3.18
N. Central(2)	71	3	0.21	4.21	-5.43
Northeast(3)	73	3	0.90	5.06	-4.37
W. Central(4)	76	5	0.28	6.17	-3.08
Central (5)	79	8	0.48	6.20	-3.27
E. Central(6)	80	9	1.10	5.26	-5.22
Southwest(7)	79	8	0.08	7.16	-1.90
S. Central(8)	85	13	0.26	4.72	-4.73
Southeast(9)	82	10	0.30	7.09	-3.42

<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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