

# NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



USDA, NASS  
North Dakota  
Field Office

Released: August 21, 2006  
For Week Ending: August 20, 2006  
ND-CW3306

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

**General:** Spring wheat harvest moved past seventy-five percent complete, despite scattered thunderstorms and hail that interrupted progress, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Precipitation last week aided late season crop development and pasture growth, but more rainfall is needed. Topsoil moisture supplies were rated 34 percent very short, 35 short 30 adequate and 1 excellent, compared with the five-year (2001-2005) average of 13 percent very short, 28 short, 55 adequate and 4 surplus. Subsoil moisture supplies were rated 25 percent good to excellent, compared with 81 percent the previous year. Statewide, on average, there were 5.3 days suitable for fieldwork.

**Crops:** Small grain harvest was around two weeks ahead of average. Spring wheat was 78 percent harvested by week's end. Over half of the durum wheat has been harvested statewide, while the northwest and north central districts have harvested 42 and 35 percent, respectively. Harvest of barley and oats were both 88 percent complete by week's end. Dry edible pea harvest neared completion, at 97 percent, over a week ahead of last year. Corn dented, at 34 percent complete, advanced 20 percentage points during the week. Dry edible beans and soybeans were 66 and 24 percent lower leaves yellowing, respectively, over a week ahead of average. Sunflower development continued ahead of last year and average with 65 percent ray flowers dried/dropped and 11 percent bracts turned yellow. Crop conditions for dry edible beans, potatoes and sugarbeets improved while all other crops declined from the previous week.

**Livestock:** Pasture and range conditions declined slightly during the week and remained well below last year. Pasture and range conditions were rated 9 percent good to excellent, compared with 37 percent on average. Stockwater supplies were rated 26 percent very short, 36 short and 38 adequate. The second cutting of alfalfa was 92 percent complete. Reporters noted some producers were hauling CRP hay to feed their livestock.

## Crops Harvested: Percent Completed, by District North Dakota, Week Ending August 20, 2006

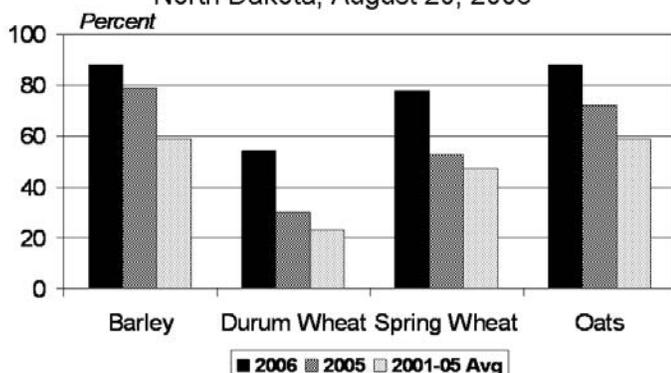
Crop	NW	NC	NE	WC	C	EC	SW	SC	SE
	--- Percent ---								
Barley	89	84	75	93	99	99	98	100	96
Durum	42	35	37	73	82	100	89	97	82
Spring Wheat	53	56	60	80	91	96	92	99	94
Oats	74	56	72	95	97	97	92	100	99
Canola	52	23	14	87	68	70	89	71	100
Dry Edible Peas	99	93	75	99	95	100	99	100	99
Flaxseed	10	3	5	34	21	13	70	63	24

## Crop Development Progress North Dakota, Week Ending August 20, 2006 <sup>1/2/</sup>

Crop	Week Ending			2001-2005 Avg
	Aug 20, 2006	Aug 13, 2006	Aug 20, 2005	
	Percent	Percent	Percent	Percent
BARLEY				
Harvested	88	74	79	59
DURUM WHEAT				
Turning	98	93	89	84
Harvested	54	32	30	23
SPRING WHEAT				
Harvested	78	68	53	47
OATS				
Harvested	88	79	72	59
CANOLA				
Turning	98	93	97	92
Swathed	85	68	84	73
Harvested	37	20	25	23
CORN				
Dough	79	60	60	62
Dented	34	14	6	12
CORN FOR SILAGE				
Chopped	13	6	1	2
DRY EDIBLE BEANS				
Fully Podded	90	80	68	56
Lower Leaves Yellowing	66	41	24	22
Dropping Leaves	28	NA	0	6
Cut	5	NA	0	0
Harvested	1	NA	0	0
DRY EDIBLE PEAS				
Harvested	97	87	81	NA
FLAXSEED				
Turning	95	90	91	85
Harvested	16	10	11	10
POTATOES				
Vines Killed	30	20	4	15
Dug	1	NA	0	0
SOYBEANS				
Fully Podded	88	74	66	60
Lower Leaves Yellowing	24	11	5	6
Dropping Leaves	3	NA	0	1
SUNFLOWER				
Rays Flowers Dried/Dropped	65	27	27	19
Bracts Turned Yellow	11	5	2	2

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

Small Grains: Harvested  
North Dakota, August 20, 2006



## Crop and Pasture Condition North Dakota, Week Ending August 20, 2006

Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Durum Wheat	5	28	49	18	0
Canola	7	16	43	31	3
Corn	8	22	38	30	2
Dry Edible Beans	7	22	44	26	1
Flaxseed	8	20	50	21	1
Potatoes	6	20	34	38	2
Soybeans	5	19	37	34	5
Sugarbeets	1	7	26	62	4
Sunflower	6	16	41	34	3
Pasture and Range	36	35	20	9	0

~ Compiled and Published by ~

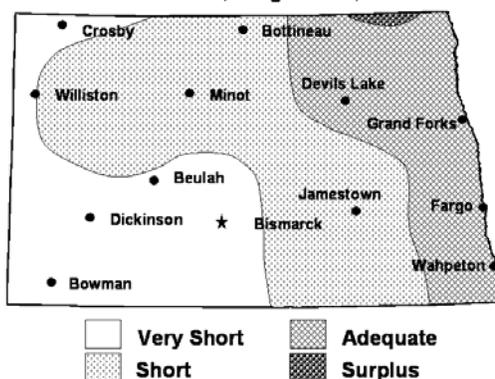
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**Soil Moisture Supplies  
 North Dakota, August 20, 2006 with Comparisons**

Date	Week Ending			2001-2005 Avg
	Aug 20, 2006	Aug 13, 2006	Aug 20, 2005	
	Percent	Percent	Percent	Percent
<b>Topsoil</b>				
Very Short	34	42	1	13
Short	35	36	16	28
Adequate	30	22	77	55
Surplus	1	0	6	4
<b>Subsoil</b>				
Very Short	39	38	3	13
Short	36	43	16	25
Adequate	24	19	74	57
Surplus	1	0	7	5

**Topsoil Moisture Supplies  
 North Dakota, August 20, 2006**



**Weather:** Temperatures were warm to begin the week, but cooled off to below average by week's end. High temperatures across the state reached into the mid-80s to low 90s for the first half of the week. A slow moving cold front moved through the state on Wednesday, bringing scattered showers and thunderstorms. High temperatures were in the 70s behind the front for the second half of the workweek. Rain fell across the state again on Friday. The central areas saw the heaviest rainfall amounts. Temperatures warmed again for the weekend, with highs in the 80s statewide. Another frontal system brought showers and storms to the state late on Sunday, especially in the eastern areas where some storms reached severe limits.

**Outlook, August 21-27:** High pressure will be in control on Monday and bring mostly clear skies with temperatures near seasonal averages. The next system will begin to affect the state late on Tuesday. Thunderstorms will develop in the western areas and spread east late on Tuesday and into Wednesday. A southerly air flow out ahead of the system will bring warm temperatures and increasing humidity for the first half of the week. Look for highs in 80s statewide, with a few areas in the south and west reaching the low 90s. High temperatures will cool off during the second half of the week. Look for highs in the upper 70s north and east to the low and mid-80s south and west. Overnight lows will be pleasant with temperatures in the 50s. Look for another chance of showers and storms across the state on Friday. High pressure will build for the weekend with dry conditions and seasonal temperatures.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending August 20, 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	89	47	0.08	5.77	-4.93
Williston	91	51	0.74	8.23	-0.42
Mohall	89	46	0.04	6.06	-4.70
Minot	89	49	0.17	7.60	-3.88
(2) Baker	84	50	0.26	5.99	-4.99
Bottineau	89	41	0.00	4.71	-6.80
Rugby	87	46	0.18	4.92	-6.44
(3) Cando	86	47	0.08	7.66	-2.87
Cavalier	85	48	0.48	7.76	-3.87
Forest River	84	50	0.47	6.54	-4.63
Grand Forks	85	50	0.18	9.39	-1.78
Langdon	83	49	0.67	9.50	-2.29
St. Thomas	86	49	0.00	6.62	-4.55
(4) Hazen	90	50	0.55	7.13	-3.51
Turtle Lake	88	51	0.34	6.50	-4.51
Watford City	91	51	0.59	8.67	-1.02
(5) Carrington	84	49	0.39	8.09	-4.48
Harvey	87	47	0.20	4.85	-4.58
Jamestown	85	51	1.17	7.61	-3.90
Robinson	85	51	0.77	8.00	-2.87
Streeter	88	52	3.22	11.85	0.83
(6) Dazey	85	49	0.42	5.99	-6.48
Fargo	86	52	0.34	7.60	-4.49
Hillsboro	83	50	0.45	7.78	-4.77
(7) Beach	90	51	0.78	8.27	-1.21
Bowman	89	51	0.19	9.42	-0.38
Dickinson	89	50	0.77	8.32	-2.18
Hettinger	90	54	0.71	7.30	-3.00
(8) Mandan	90	53	0.84	5.53	-5.65
Linton	88	54	1.61	8.62	-1.89
(9) Edgeley	88	50	3.57	11.11	-0.84
Oakes	87	51	1.02	11.10	-0.47
Wyndmere	88	51	0.95	9.16	-4.10

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending August 20, 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)	68	1	0.26	6.91	-2.94
N. Central(2)	66	0	0.15	5.21	-6.08
Northeast (3)	66	0	0.31	7.91	-3.33
W. Central(4)	70	0	0.49	7.43	-3.01
Central (5)	67	0	1.15	8.08	-3.00
E. Central(6)	67	-1	0.40	7.12	-5.25
Southwest(7)	70	1	0.61	8.33	-1.69
S. Central(8)	71	1	1.23	7.07	-3.77
Southeast(9)	69	0	1.85	10.46	-1.80

<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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