

# 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: October 9, 2007  
For Week Ending: October 7, 2007  
ND-CW4107

**General:** Above normal temperatures continued to help crops dry down; however, isolated rain showers limited harvest progress in some areas of the state, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Warm temperatures and rainfall in the Red River Valley stopped and started sugarbeet harvest throughout the week. Average temperatures ranged from 3 degrees F above normal in the northeast and central districts to 9 degrees F above normal in the southeast district. Reporters noted that winter wheat crops received beneficial moisture, but more moisture is needed to finish fall tillage and final winter wheat activities. Rain showers during the week improved topsoil moisture supplies from the previous week. As of October 7, they were rated 12 percent very short, 30 short, 57 adequate and 1 surplus. This compares to the five-year (2002-2006) average of 13 percent very short, 27 short, 56 adequate and 4 surplus. Subsoil moisture supplies were rated 86 percent short to adequate, compared with last year and average of 71 and 77 percent, respectively. Statewide, on average, there were 5.4 days suitable for fieldwork.

**Crops:** Windy conditions aided the dry down process of late season crops, but a week ending storm system slowed harvest progress. Sugarbeets lifted made the most progress during the week, advancing 31 percentage points to 47 percent complete, equal to the average pace. Soybean harvest made excellent progress at 61 percent complete, still behind last year but was ahead of average. Corn for grain harvest was 13 percent complete, compared with 15 percent last year and 11 percent on average. Corn mature was nearly complete at 94 percent by week's end. Dry edible beans were 93 percent cut, while harvest was 82 percent complete, both stages remained behind last year but ahead of average. Potatoes dug were 85 percent complete, equal to last year but ahead of the average pace. The sunflower crop had 90 percent of their acreage with their bracts turned brown, while harvest was 9 percent complete. Sunflower harvest progress was behind last year but equal to the average pace.

**Livestock:** As producers were nearly finished cutting corn silage, they remained busy by hauling hay to winter feeding grounds and weaning calves. Corn cut for silage was at 91 percent complete by week's end, equal to the average pace. Pasture and range conditions were rated mostly fair to good at 74 percent. This compares with last year when conditions were rated mostly poor to fair at 56 percent. Stockwater supplies were at 73 percent adequate to surplus, compared with 41 percent last year and 58 percent on average.

## Crop and Pasture Condition North Dakota, Week Ending October 7, 2007

Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	2	6	18	54	20
Soybeans	3	3	15	55	24
Sugarbeets	1	5	12	52	30
Sunflower	0	3	20	61	16
Pasture and Range	5	15	35	39	6

## Crop Development Progress North Dakota, Week Ending October 7, 2007 <sup>1/2/</sup>

Crop	Week Ending			2002-2006 Avg
	Oct 7, 2007	Sept 30, 2007	Oct 7, 2006	
	Percent	Percent	Percent	
CORN				
Mature	94	88	98	82
Harvested for Grain	13	5	15	11
CORN FOR SILAGE				
Chopped	91	84	97	91
DRY EDIBLE BEANS				
Cut	93	86	99	90
Harvested	82	68	91	79
POTATOES				
Dug	85	74	85	83
SOYBEANS				
Harvested	61	37	72	60
SUGARBEETS				
Lifted	47	16	43	47
SUNFLOWERS				
Bracts Turned Brown	90	77	98	88
Harvested	9	3	13	9

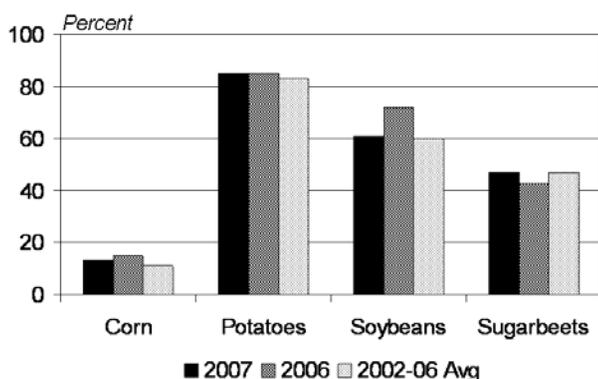
<sup>1/</sup> Crop development percents represent all acreage in or beyond each stage.  
<sup>2/</sup> Progress is based on current intended acreage. NA = Not Available

## Crops Harvested: Percent Completed, by District North Dakota, Week Ending October 7, 2007

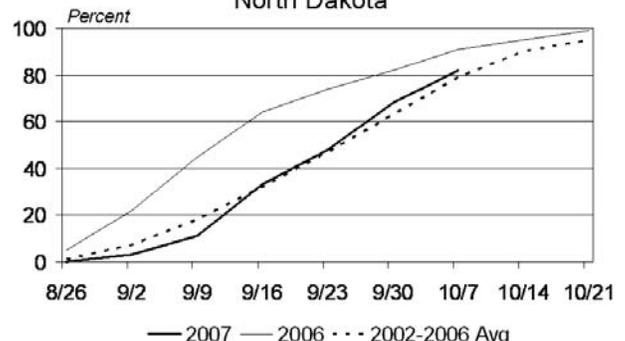
Crop	NW	NC	NE	WC	C	EC	SW	SC	SE
	--- Percent ---								
Corn	17	7	3	24	9	10	12	9	20
Dry Edible Beans	65	93	82	54	66	96	NA	NA	78
Soybeans	58	79	65	NA	59	60	NA	NA	59

NA = Not Available.

Crops: Harvested  
North Dakota, October 7, 2007



Dry Edible Beans: Harvested  
North Dakota



~ Compiled and Published by ~

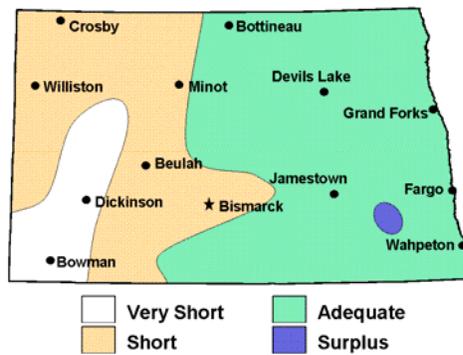
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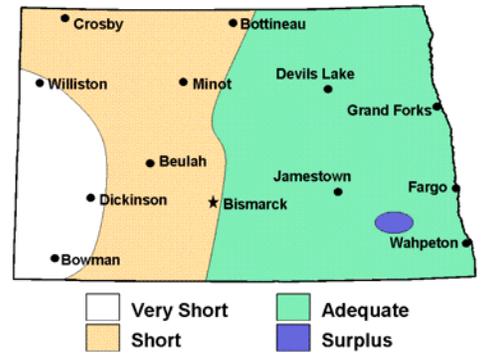
**Soil Moisture Supplies  
 North Dakota, October 7, 2007**

Date	Week Ending			2002-2006 Avg
	Oct 7, 2007	Sept 30, 2007	Oct 7, 2006	
	Percent	Percent	Percent	Percent
<b>Topsoil</b>				
Very Short	12	14	9	13
Short	30	36	33	27
Adequate	57	49	57	56
Surplus	1	1	1	4
<b>Subsoil</b>				
Very Short	13	12	28	20
Short	34	35	35	30
Adequate	52	52	36	47
Surplus	1	1	1	3

**Topsoil Moisture Supplies  
 North Dakota, October 7, 2007**



**Subsoil Moisture Supplies  
 North Dakota, October 7, 2007**



**Weather:** This week was once again above average in the temperature department. Monday started off the week dry and warm with highs in the 70s. On Tuesday, a few light isolated showers moved through the eastern side of the state as highs cooled a bit into the 60s to 70s. A few isolated showers on Wednesday moved through the southwestern part of the state as highs stayed in the 70s. Thursday highs cooled into the 50s to 60s as a system of showers started to move into the western edge of the state. Friday cooled even more into the 40s to 50s as a system of showers moved through most of the state. Saturday highs were in the 40s to 50s in the western half of the state while the extreme eastern part of the state saw highs in the 70s to 80s as a system of showers and thunderstorms moved through the state. Four hail incidents were reported on Saturday with two occurring in Grand Forks County, one in Steele County and one in Emmons County. Sunday highs cooled into the 40s to 50s statewide as showers moved through and exited the eastern half of the state.

**Outlook, October 8-14:** Monday will start off the week with highs in the 50s to 60s as a system of showers exits the eastern half of the state. On Tuesday, there is a chance of a scattered shower in the eastern half of the state as highs stay in the 50s to 60s. Wednesday will be dry as highs stay in the 50s to 60s with the western half of the state in the higher temperatures. On Thursday, there is the threat of some precipitation in the form of an isolated shower mainly in the central regions of the state as highs stay in the 50s to 60s. Friday and Saturday will be dry with highs continuing to stay in the 50s to 60s. On Sunday, there is the chance of an isolated shower statewide with highs in the 50s.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending October 7, 2007**

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	77	32	0.73	11.33	-2.41
Williston	78	35	1.19	10.90	0.19
Mohall	77	33	0.37	10.75	-3.02
Minot	76	37	0.27	12.06	-1.77
(2) Baker	72	35	0.17	18.02	4.40
Bottineau	77	26	0.20	11.78	-2.90
Rugby	75	32	0.08	13.76	-0.65
(3) Cando	73	32	0.11	17.34	4.68
Cavalier	74	30	0.52	20.40	5.75
Forest River	75	31	0.85	18.23	4.16
Grand Forks	74	33	0.56	15.66	1.16
Langdon	71	34	0.34	16.54	1.89
St. Thomas	73	35	0.81	25.96	11.89
(4) Hazen	77	32	0.07	11.21	-1.92
Turtle Lake	76	38	0.07	12.87	-0.64
Watford City	79	35	1.21	9.51	-2.77
(5) Carrington	74	35	0.44	16.73	1.10
Harvey	75	33	0.06	13.74	1.77
Jamestown	74	37	0.96	19.55	5.21
Robinson	74	35	0.19	13.98	0.42
Streeter	73	35	1.10	21.17	7.09
(6) Dazey	74	33	1.37	17.70	1.96
Fargo	85	42	0.13	18.62	2.98
Hillsboro	83	36	0.23	16.27	0.27
(7) Beach	79	37	0.45	12.17	0.31
Bowman	82	35	0.12	13.09	1.22
Dickinson	78	35	0.25	9.72	-3.30
Hettinger	83	34	0.03	15.74	3.23
(8) Mandan	75	35	0.06	18.24	4.51
Linton	76	39	0.51	15.84	3.13
(9) Edgeley	81	34	0.95	15.98	0.89
Oakes	86	39	0.22	22.54	7.48
Wynndmere	88	38	0.16	20.68	3.93

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending October 7, 2007**

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)	55	7	0.64	11.26	-1.75
N. Central(2)	52	4	0.15	14.52	0.28
Northeast (3)	52	3	0.53	19.02	4.92
W. Central(4)	56	5	0.45	11.20	-1.78
Central (5)	54	3	0.55	17.03	3.12
E. Central(6)	58	8	0.58	17.53	1.74
Southwest(7)	57	7	0.21	12.68	0.36
S. Central(8)	56	5	0.29	17.04	3.82
Southeast(9)	61	9	0.44	19.73	4.10

<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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