

# NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



USDA, NASS  
North Dakota  
Field Office

Released: October 22, 2007  
For Week Ending: October 21, 2007  
ND-CW4307

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

**General:** Harvest of late season crops was slow last week due to rains across most of the state except for the extreme west, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Heavy rains fell in the Red River Valley, making the final harvest of sugarbeets and potatoes very difficult. A statewide killing frost has not yet occurred, which is later than the average date. Some fall tillage and fall nitrogen applications were being done. Topsoil moisture supplies were rated 14 percent very short, 28 short, 55 adequate and 3 surplus. This compares with the five-year (2002-2006) average of 13 percent very short, 26 short, 58 adequate and 3 surplus. Subsoil moisture supplies were rated 83 percent short to adequate, compared with last year and average of 74 and 78 percent, respectively. Statewide, on average, there were 4.4 days suitable for fieldwork.

**Crops:** Wet conditions in the eastern part of the state slowed harvest progress. Sunflower harvest made the most progress during the week, advancing 15 percentage points to 31 percent complete, but was still behind last year and the average. Corn for grain harvest made good progress at 41 percent complete, compared with 50 percent last year and 38 percent on average. The soybean harvest made minimal progress at 80 percent complete, behind both last year and the average pace. Dry edible bean harvest progress was delayed in the northeast due to wet conditions, as only 93 percent was complete statewide, behind both last year and average. Potatoes dug were 96 percent complete by week's end, near the average pace.

**Livestock:** Ranchers were shipping and weaning calves while moving cattle to fall pastures. Pasture and range conditions were rated mostly fair to good at 76 percent, compared with last year when conditions were rated mostly poor to fair at 54 percent. Stockwater supplies were rated mostly adequate at 72 percent, compared with 52 percent last year and 60 percent on average.

## Crop and Pasture Condition North Dakota, Week Ending October 21, 2007

Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	3	6	19	58	14
Sunflower	1	3	22	59	15
Pasture and Range	3	19	37	39	2

## Crop Development Progress North Dakota, Week Ending October 21, 2007 <sup>1/2/</sup>

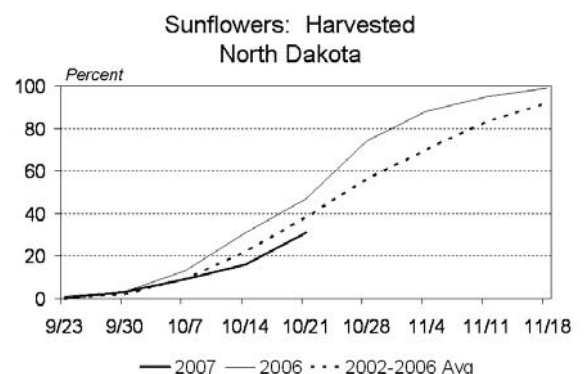
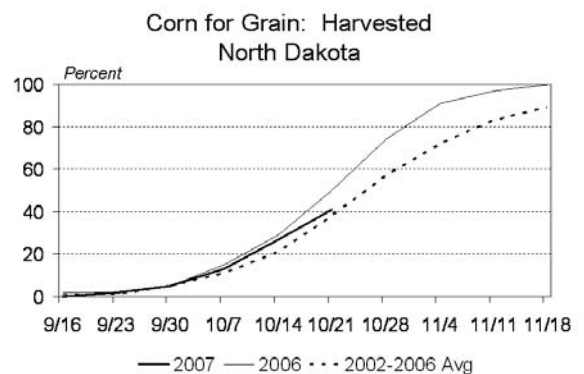
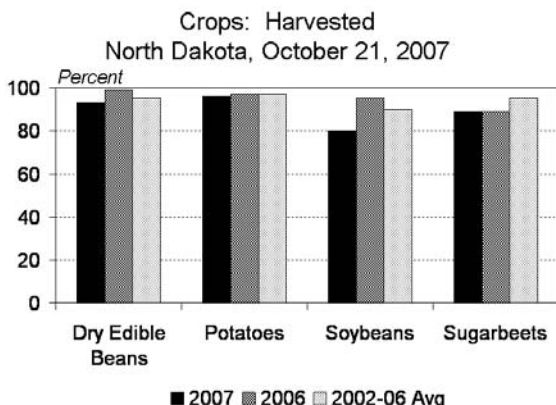
Crop	Week Ending			2002-2006 Avg
	Oct 21, 2007	Oct 14, 2007	Oct 21, 2006	
	Percent	Percent	Percent	Percent
CORN				
Harvested for Grain	41	27	50	38
DRY EDIBLE BEANS				
Cut	97	95	100	98
Harvested	93	88	99	95
POTATOES				
Dug	96	92	97	97
SOYBEANS				
Harvested	80	74	95	90
SUGARBEETS				
Lifted	89	78	89	95
SUNFLOWERS				
Harvested	31	16	47	38

<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 21, 2007

Crop	NW	NC	NE	WC	C	EC	SW	SC	SE
	--- Percent ---								
Corn	52	34	16	58	26	38	49	NA	49
Dry Edible Beans	100	99	96	71	82	100	NA	NA	98
Soybeans	90	97	88	NA	71	79	NA	NA	84
Sunflowers	32	37	39	21	27	36	26	NA	23

NA = Not Available.



~ Compiled and Published by ~

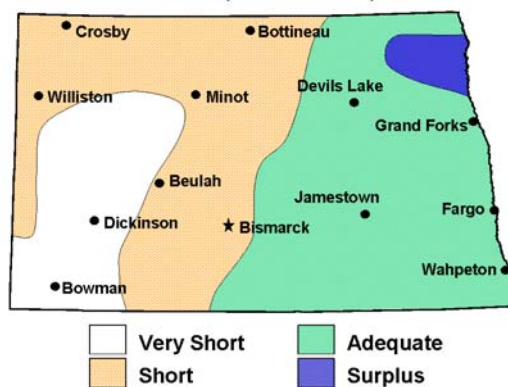
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**Soil Moisture Supplies  
 North Dakota, Week Ending October 21, 2007**

Date	Week Ending			2002-2006 Avg
	Oct 21, 2007	Oct 14, 2007	Oct 21, 2006	
	Percent	Percent	Percent	Percent
<b>Topsoil</b>				
Very Short	14	12	7	13
Short	28	31	32	26
Adequate	55	56	60	58
Surplus	3	1	1	3
<b>Subsoil</b>				
Very Short	15	12	25	19
Short	33	34	34	29
Adequate	50	53	40	49
Surplus	2	1	1	3

**Topsoil Moisture Supplies  
 North Dakota, October 21, 2007**



**Weather:** Monday started off the week with showers falling in the southeastern part of the state as a system of showers started to move into the state with highs in the 50s to lower 60s. Tuesday cooled with highs in the 40s to 50s as scattered showers occurred in the eastern half of the state. On Wednesday, a large weather disturbance brought rain to most of the state with highs in the upper 40s to 50s. Thursday highs were in the upper 40s to 50s as a large weather disturbance continued to bring rain to most of the state, excluding the extreme western parts of the state. Friday, Saturday and Sunday stayed dry as highs were in the 50s to 60s.

**Outlook, October 22-28:** Monday will start off the week dry with highs in the 50s to lower 60s with the higher temperatures occurring in the western half of the state. Tuesday will continue to stay dry with highs in the 50s to 60s. Wednesday will be calm and dry with highs in the upper 50s to lower 70s with higher temperatures occurring in the western half of the state. On Thursday, there is a chance of an isolated shower in the southern half of the state with highs in the 50s to 60s. Friday brings a chance of precipitation from scattered showers in the southern half of the state as highs cool into the 40s. Saturday and Sunday will dry out as highs continue to stay cool in the upper 40s to 50s.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending October 21, 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	60	27	0.06	11.39	-2.85
Williston	62	32	0.00	10.90	-0.23
Mohall	60	22	0.11	10.86	-3.59
Minot	60	29	0.12	12.18	-2.24
(2) Baker	58	30	0.05	18.15	3.83
Bottineau	61	24	0.00	11.87	-3.40
Rugby	59	26	0.00	13.82	-1.20
(3) Cando	59	27	0.01	17.52	4.28
Cavalier	59	30	0.92	22.25	6.90
Forest River	60	32	0.83	20.00	5.23
Grand Forks	61	36	1.39	18.07	2.85
Langdon	57	31	0.37	17.62	2.32
St. Thomas	59	34	0.72	27.71	12.94
(4) Hazen	63	21	0.06	11.27	-2.49
Turtle Lake	60	31	0.14	13.01	-1.09
Watford City	62	31	0.00	9.51	-3.41
(5) Carrington	58	29	0.39	17.13	0.64
Harvey	60	23	0.01	13.78	1.11
Jamestown	60	33	0.27	19.82	4.82
Robinson	59	32	0.11	14.11	-0.05
Streeter	59	34	0.37	21.54	6.98
(6) Dazey	61	37	0.51	18.26	1.76
Fargo	62	38	1.22	20.16	3.60
Hillsboro	61	33	0.97	17.72	0.83
(7) Beach	63	31	0.02	12.19	-0.23
Bowman	64	26	0.02	13.17	0.68
Dickinson	62	28	0.15	9.87	-3.78
Hettinger	63	29	0.21	15.95	2.80
(8) Mandan	62	33	0.62	18.86	4.45
Linton	61	35	0.32	16.16	2.75
(9) Edgeley	60	38	0.40	16.38	0.59
Oakes	61	37	0.68	23.27	7.40
Wyndmere	62	39	1.07	21.86	4.27

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending October 21, 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)	44	1	0.07	11.33	-2.23
N. Central (2)	43	1	0.02	14.61	-0.26
Northeast (3)	45	2	0.71	20.53	5.75
W. Central (4)	44	0	0.07	11.26	-2.33
Central (5)	44	0	0.23	17.28	2.70
E. Central (6)	48	4	0.90	18.71	2.06
Southwest (7)	45	1	0.10	12.79	-0.13
S. Central (8)	47	3	0.47	17.51	3.60
Southeast (9)	49	4	0.72	20.50	4.09

<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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