

# 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 1, 2007  
For Week Ending: September 30, 2007  
ND-CW4007

**General:** Above normal temperatures allowed producers to make excellent harvest progress during the week, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Warm temperatures in the Red River Valley temporarily halted sugarbeet harvest over the weekend. Average temperatures ranged from 4 degrees F above normal in the southeast and southwest districts to 11 degrees F above normal in the south central district. Reporters noted that current dry conditions are beneficial for row crop harvest. Rain is needed to help the winter wheat crop in some areas of the state. Topsoil moisture supplies were rated 14 percent very short, 36 short, 49 adequate and 1 surplus, compared with the five-year (2002-2006) average of 14 percent very short, 31 short, 51 adequate and 4 surplus. Subsoil moisture supplies were rated 87 percent short to adequate, compared with last year and average of 69 and 75 percent, respectively. Statewide, on average, there were 6.3 days suitable for fieldwork.

**Crops:** Warm and windy conditions accelerated the dry down process of late season crops. Soybean harvest made the most progress during the week, advancing 29 percentage points to 37 percent complete, ahead of the average pace. Soybeans had 98 percent of their acreage in the dropping leaves stage, compared with 92 percent on average. Corn for grain harvest was 5 percent complete, equal to last year and average. Corn mature was 88 percent complete, compared with 94 percent last year and 69 percent on average. Dry edible beans were 86 percent cut, while harvest was 68 percent complete, both stages were behind last year but ahead of average. Flaxseed harvest was virtually complete at 97 percent by week's end. Potatoes were 74 percent dug, ahead of both last year and average. Sugarbeets lifted were 16 percent complete, equal to the average pace. The sunflower crop had 77 percent of their acreage with their bracts turned brown, while harvest was underway with 3 percent complete.

**Livestock:** Hay hauling to winter feeding grounds, cutting silage and weaning calves were the main activities during the week. Corn cut for silage advanced 22 percentage points during the week to 84 percent complete. Pasture and range conditions were rated mostly fair to good at 78 percent. This compares with last year when conditions were rated mostly poor to fair at 62 percent. Stockwater supplies were at 76 percent adequate to surplus, compared with 39 percent last year and 59 percent on average.

## Crop and Pasture Condition North Dakota, Week Ending September 30, 2007

Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	2	5	17	56	20
Soybeans	3	3	15	57	22
Sugarbeets	1	5	12	52	30
Sunflower	0	2	19	58	21
Pasture and Range	3	13	36	42	6

## Crop Development Progress North Dakota, Week Ending September 30, 2007<sup>1/2/</sup>

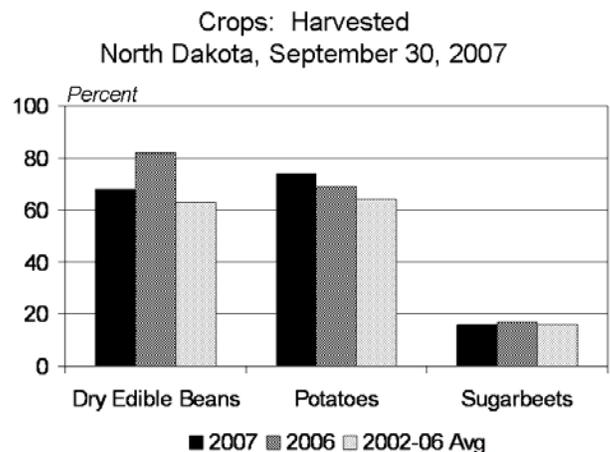
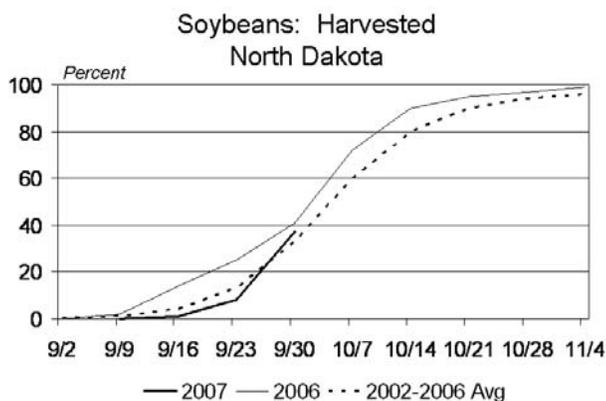
Crop	Week Ending			2002-2006 Avg
	Sept 30, 2007	Sept 23, 2007	Sept 30, 2006	
	Percent	Percent	Percent	Percent
<b>CORN</b>				
Mature	88	65	94	69
Harvested for Grain	5	2	5	5
<b>CORN FOR SILAGE</b>				
Chopped	84	62	93	80
<b>DRY EDIBLE BEANS</b>				
Cut	86	73	95	78
Harvested	68	48	82	63
<b>FLAXSEED</b>				
Harvested	97	93	99	87
<b>POTATOES</b>				
Vines Killed	97	94	97	94
Dug	74	54	69	64
<b>SOYBEANS</b>				
Dropping Leaves	98	88	100	92
Harvested	37	8	41	33
<b>SUGARBEETS</b>				
Lifted	16	11	17	16
<b>SUNFLOWERS</b>				
Bracts Turned Yellow	97	91	100	92
Bracts Turned Brown	77	59	91	70
Harvested	3	0	3	2

<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 September 30, 2007

Crop	NW	NC	NE	WC	C	EC	SW	SC	SE
	--- Percent ---								
Dry Edible Beans	50	40	73	43	55	80	NA	NA	68
Flaxseed	98	97	97	100	96	NA	99	99	95
Soybeans	39	43	40	NA	35	38	NA	15	35

NA = Not Available.



~ Compiled and Published by ~

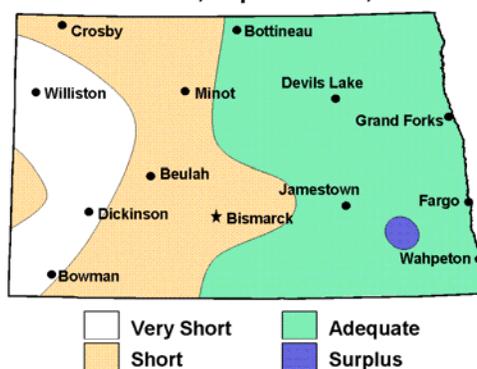
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**Soil Moisture Supplies  
 North Dakota, Week Ending September 30, 2007**

Date	Week Ending			2002-2006 Avg
	Sept 30, 2007	Sept 23, 2007	Sept 30, 2006	
	Percent	Percent	Percent	Percent
<b>Topsoil</b>				
Very Short	14	11	10	14
Short	36	35	35	31
Adequate	49	53	54	51
Surplus	1	1	1	4
<b>Subsoil</b>				
Very Short	12	11	30	21
Short	35	34	34	30
Adequate	52	54	35	45
Surplus	1	1	1	4

**Topsoil Moisture Supplies  
 North Dakota, September 30, 2007**



**Weather:** This week was once again above normal in the temperature department. Monday started off cool with highs in the 50s to 60s as showers and storms occurring in the eastern half of the state while the western half saw a few light showers. Tuesday stayed in the 50s to 60s as a few isolated showers occurred in the southwestern part of the state. On Wednesday, highs warmed up to the 60s as a system of showers moved through the southern half of the state. Thursday was dry as highs continued to stay in the 60s. Friday warmed up to the 70s to 80s as some isolated storms occurred in the central area of the state. An incident of one inch hail was reported in Benson County with Friday's storms. Saturday stayed warm in the 70s to 80s as an isolated storm produced precipitation in the southeastern part of the state. Sunday ended the week fairly dry with an isolated shower in the southeastern part of the state with highs cooling down to the 60s to 70s.

**Outlook, October 1-7:** Monday will start off the week dry with highs in the 60s to 70s. On Tuesday, there is a chance of an isolated shower in the eastern half of the state as highs cool down into the 60s. The state will be dry and calm on Wednesday with highs continuing to stay in the 60s. On Thursday, a system of showers will move through the state with highs in the 60s. Friday cools down to highs in the 50s as more precipitation falls in the form of showers statewide. On Saturday, the system of showers exits the state as highs stay in the 50s. Sunday warms up a bit into the 50s to 60s as a few isolated showers might bring precipitation to the eastern half of the state.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending September 30, 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	82	32	0.08	10.60	-2.78
Williston	79	31	0.15	9.71	-0.75
Mohall	85	34	0.02	10.38	-2.99
Minot	86	40	0.02	11.79	-1.69
(2) Baker	86	40	0.06	17.85	4.60
Bottineau	87	33	0.00	11.58	-2.75
Rugby	87	34	0.02	13.68	-0.37
(3) Cando	84	35	0.08	17.23	4.85
Cavalier	82	36	0.30	19.88	5.64
Forest River	83	32	0.13	17.38	3.66
Grand Forks	81	34	0.06	15.10	1.02
Langdon	81	39	0.21	16.20	1.90
St. Thomas	82	35	0.32	25.15	11.43
(4) Hazen	90	34	0.00	11.14	-1.64
Turtle Lake	89	41	0.00	12.80	-0.36
Watford City	80	31	0.02	8.30	-3.63
(5) Carrington	85	37	0.14	16.29	1.08
Harvey	88	34	0.01	13.68	2.06
Jamestown	86	35	0.15	18.59	4.60
Robinson	86	36	0.10	13.79	0.58
Streeter	85	41	0.27	20.07	6.31
(6) Dazey	82	35	0.09	16.33	1.01
Fargo	80	42	0.64	18.49	3.34
Hillsboro	80	33	0.17	16.04	0.53
(7) Beach	79	31	0.03	11.72	0.19
Bowman	82	28	0.00	12.97	1.45
Dickinson	83	31	0.00	9.47	-3.20
Hettinger	88	34	0.01	15.71	3.55
(8) Mandan	87	41	0.08	18.18	4.80
Linton	87	43	0.07	15.33	2.97
(9) Edgeley	85	35	0.09	15.03	0.29
Oakes	82	34	0.81	22.32	7.75
Wyndmere	80	34	0.29	20.52	4.22

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending September 30, 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)	58	7	0.07	10.62	-2.05
N. Central(2)	61	10	0.03	14.37	0.49
Northeast(3)	58	6	0.18	18.49	4.75
W. Central(4)	60	7	0.01	10.75	-1.88
Central (5)	61	8	0.13	16.48	2.93
E. Central(6)	58	5	0.30	16.95	1.63
Southwest(7)	57	4	0.01	12.47	0.50
S. Central(8)	64	11	0.08	16.76	3.88
Southeast(9)	58	4	0.40	19.29	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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