

# NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: May 29, 2007  
For Week Ending: May 27, 2007  
ND-CW2207

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

**General:** Rain showers fell across the state during the week with higher amounts falling in the north central and northeastern districts, while temperatures were below average, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Reporters noted areas that received heavy rain have some crop loss due to drown out and will have to replant when the fields dry out. Scattered reports of frost occurred across the state. Strong winds helped dry out the soil so that producers could get back into the fields, but the winds also slowed spraying progress. Post emergence spraying for the control of broadleaf weeds was 24 percent complete, and spraying for wild oats was 31 percent complete. Topsoil moisture supplies were rated 5 percent short, 81 adequate and 14 surplus, compared with the five-year (2002-2006) average of 4 percent very short, 15 short, 71 adequate and 10 surplus. Statewide, on average, there were 3.5 days suitable for fieldwork, compared with 5.1 days on average.

**Crops:** Rainy weather slowed the seeding progress of durum wheat, which was 85 percent seeded by week's end. Durum wheat was 68 percent emerged, ahead of average. Spring wheat emerged was 87 percent complete and continued over a week ahead of the average pace. Barley and oats were 89 percent and 85 percent emerged, respectively. Small grains jointed were at or ahead of the average pace.

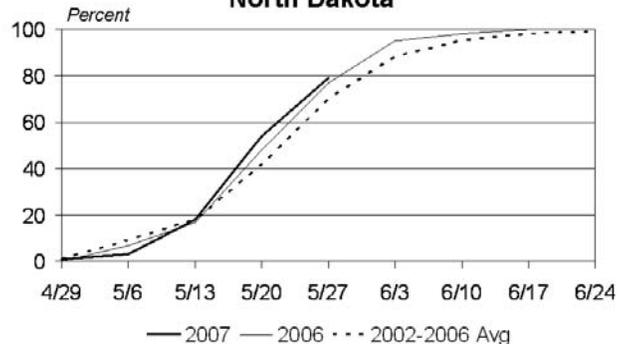
Planting progress for all other crops made good progress despite the cool, wet weather and remained ahead of average. Producers showed the most seeding progress for sunflowers at 61 percent complete, compared with 58 percent last year and 45 percent on average. Canola and corn were nearly complete at 98 and 95 percent planted, respectively, ahead of last year and average. Flaxseed was 84 percent planted, compared with 84 percent last year and 80 percent on average. Potatoes, at 86 percent planted, advanced only 6 percentage points from the previous week due to wet conditions. Emergence for dry edible peas and sugarbeets were virtually complete, while all other crops remained ahead of average.

**Livestock:** Cool overnight temperatures during the week caused some frost damage to pastures. Overall, the moisture has been very beneficial for pasture and ranges, which improved from the previous week and were rated at 1 percent very poor, 5 poor, 25 fair, 56 good and 13 excellent. This compares with 4 percent very poor, 15 poor, 38 fair, 37 good and 5 excellent on average. Stock water supplies were rated 2 percent very short, 11 short, 80 adequate and 7 surplus.

### Crop and Pasture Condition North Dakota, Week Ending May 27, 2007

Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Barley	0	1	11	69	19
Durum Wheat	0	0	10	85	5
Spring Wheat	1	2	11	68	18
Oats	0	0	10	79	11
Canola	0	1	10	66	23
Corn	0	1	15	74	10
Dry Edible Peas	0	0	7	78	15
Flaxseed	0	1	16	73	10
Potatoes	7	3	12	64	14
Sugarbeets	2	5	20	65	8
Pasture and Range	1	5	25	56	13

### Soybeans: Planted North Dakota



### Planting: Percent Completed by District North Dakota, Week Ending May 27, 2007

Crop	NW	NC	NE	WC	C	EC	SW	SC	SE
	--- Percent ---								
Barley	97	95	99	96	100	100	100	100	98
Durum Wheat	79	87	99	97	100	NA	97	97	NA
Spring Wheat	93	96	98	96	100	100	97	100	99
Oats	93	97	99	97	95	100	99	100	97
Canola	100	98	96	99	100	NA	100	100	NA
Corn	89	96	100	88	95	99	90	86	93
Flaxseed	85	70	81	86	91	86	90	94	81
Soybeans	81	70	88	NA	77	90	NA	77	64
Sunflowers	72	52	74	66	46	68	69	55	61

NA= Not Available.

### Crop Development Progress North Dakota, Week Ending May 27, 2007 <sup>1/2/</sup>

Crop	Week Ending			2002-2006 Avg
	May 27, 2007	May 20, 2007	May 27, 2006	
	Percent	Percent	Percent	Percent
BARLEY				
Planted	98	95	95	91
Emerged	89	73	76	67
Jointed	7	2	5	4
DURUM WHEAT				
Planted	85	75	85	76
Emerged	68	43	55	47
Jointed	2	1	1	1
SPRING WHEAT				
Planted	97	94	95	91
Emerged	87	72	80	71
Jointed	6	3	8	6
OATS				
Planted	96	93	96	92
Emerged	85	69	79	70
Jointed	8	3	12	7
CANOLA				
Planted	98	94	93	89
Emerged	79	61	64	58
Rosette	10	NA	0	1
CORN, ALL				
Planted	95	86	91	90
Emerged	72	50	66	61
DRY EDIBLE BEANS				
Planted	60	37	67	44
Emerged	20	3	11	6
DRY EDIBLE PEAS				
Emerged	94	74	73	NA
FLAXSEED				
Planted	84	71	84	80
Emerged	54	33	50	43
POTATOES				
Planted	86	80	90	78
Emerged	43	15	41	22
SOYBEANS				
Planted	79	54	77	70
Emerged	33	5	27	19
SUGARBETS				
Emerged	99	73	76	75
SUNFLOWERS				
Planted	61	35	58	45
Emerged	19	3	11	7

<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

~ Compiled and Published by ~

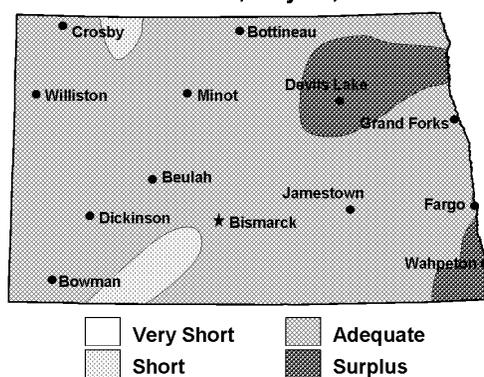
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**Soil Moisture Supplies  
 North Dakota, May 27, 2007 with Comparisons**

Date	Week Ending			2002-2006 Avg
	May 27, 2007	May 20, 2007	May 27, 2006	
	Percent	Percent	Percent	Percent
<b>Topsoil</b>				
Very Short	0	1	4	4
Short	5	12	20	15
Adequate	81	83	68	71
Surplus	14	4	8	10
<b>Subsoil</b>				
Very Short	1	3	4	6
Short	18	28	17	18
Adequate	69	64	70	67
Surplus	12	5	9	9

**Topsoil Moisture Supplies  
 North Dakota, May 27, 2007**



**Weather:** This week was overall cool and wet throughout most of the state with the southeast seeing the warmest temperatures. Monday started off warm with highs in the 80s for most of the state before a line of strong thunderstorms provided a lot of precipitation to the central part of the state. There were 12 hail reports and three wind reports stretching in a line from the north central to south central part of the state. A tornado briefly touched down in Morton County. On Tuesday, thunderstorms moved through the central and eastern part of the state while showers fell in the western part of the state. Wednesday brought in some scattered showers throughout the state and much cooler temperatures. The highs were in the upper 50s in the northwest to the lower 70s in the southeast. The cooler temperatures stuck around for the rest of the week with the highs in the 60s. On Friday, some strong thunderstorms provided precipitation to the state with the most precipitation falling in the central part. Friday's storm included three hail reports in the south central and southwest part of the state. Saturday brought in more rain to the central and northeast part of the state. Sunday stayed quiet and warmed back up into the upper 60s.

**Outlook, May 28-June 3:** Monday brings warmer air to the state with highs in the 70s. There is the chance for severe weather in the eastern part of the state as a system of thunderstorms moves through. Tuesday brings in a threat of thunderstorms throughout the state, but this system of storms should not be severe. Wednesday brings in cooler temperatures with highs in the 60s and a threat of lighter precipitation in the southern and eastern part of the state. Thursday and Friday bring the threat of showers to most of the state. However, this system should be monitored for development and movement. Saturday and Sunday looks to be a quiet and warmer with highs in the 70s.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending May 27, 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)	50	-6	1.13	3.23	0.09
N. Central(2)	56	-1	2.88	4.85	1.71
Northeast(3)	57	-1	3.68	6.63	3.62
W. Central(4)	54	-3	1.45	3.58	0.19
Central (5)	58	0	2.05	3.67	0.53
E. Central(6)	57	-2	1.02	5.28	1.68
Southwest(7)	54	-2	1.05	3.63	-0.06
S. Central(8)	59	0	1.57	3.33	-0.17
Southeast(9)	62	2	0.99	6.47	2.38

<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.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending May 27, 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	59	34	0.59	3.11	-0.07
Williston	61	36	1.62	3.56	0.85
Mohall	65	32	0.74	3.43	0.31
Minot	78	36	1.55	2.84	-0.74
(2) Baker	83	32	4.55	6.42	3.32
Bottineau	76	30	0.96	2.92	-0.16
Rugby	83	34	3.13	5.20	1.97
(3) Cando	83	33	4.69	8.51	5.67
Cavalier	81	31	3.49	6.70	3.71
Forest River	82	34	3.20	6.45	3.34
Grand Forks	80	33	1.70	4.62	1.62
Langdon	81	33	3.90	5.59	2.58
St. Thomas	81	36	5.08	7.90	4.79
(4) Hazen	81	33	1.54	3.22	-0.42
Turtle Lake	82	32	2.01	3.69	0.34
Watford City	64	36	0.80	3.82	0.65
(5) Carrington	85	33	2.83	4.43	0.86
Harvey	84	33	2.17	3.64	1.18
Jamestown	83	37	1.35	3.38	0.08
Robinson	81	32	1.52	2.83	-0.54
Streeter	81	36	2.37	4.05	1.09
(6) Dazey	81	34	1.21	4.91	1.36
Fargo	79	37	0.84	6.08	2.44
Hillsboro	77	34	1.01	4.84	1.23
(7) Beach	65	37	0.49	3.55	-0.12
Bowman	73	35	0.68	2.77	-0.74
Dickinson	75	36	0.55	2.95	-0.80
Hettinger	82	35	2.48	5.26	1.44
(8) Mandan	84	34	1.48	3.17	-0.46
Linton	83	36	1.66	3.50	0.12
(9) Edgeley	84	39	1.07	4.00	-0.19
Oakes	85	40	0.96	8.64	4.75
Wyndmere	85	39	0.94	6.78	2.58

<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.