

# NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



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

Released: June 4, 2007  
For Week Ending: June 3, 2007  
ND-CW2307

**General:** Rain showers prevented the completion of this season's planting, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Most areas of the state received over an inch of rain, reports ranged from 0.57 inches in the northeastern district to 3.61 inches in the south central district. We are in need of warm, dry days to finish seeding and spraying. Reporters noted spraying progress was made difficult by wet and windy conditions during the week. Post emergence spraying for the control of broadleaf weeds was 32 percent complete, and spraying for wild oats was 43 percent complete, behind last year's pace but remained ahead of average. Topsoil moisture supplies were rated 2 percent short, 78 adequate and 20 surplus, compared with the five-year (2002-2006) average of 5 percent very short, 16 short, 68 adequate and 11 surplus. Statewide, on average, there were 2.2 days suitable for fieldwork, four days less than last year at this time.

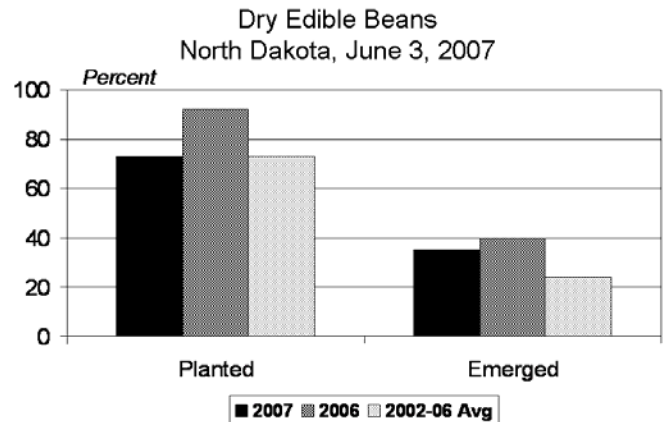
**Crops:** Rainy weather prolonged the seeding progress of durum wheat, which was 89 percent seeded by week's end. Durum wheat was 77 percent emerged, ahead of average. Spring wheat jointed was 22 percent complete, behind last year but remained ahead of the average pace. Barley and oats were both 24 percent jointed and ahead of the average pace. Crop development for all small grains except durum wheat progressed to the boot stage by week's end. Small grain crop conditions were rated mostly good to excellent, and were rated significantly better than last year at this time.

Planting progress for all other crops made little progress due to continued wet weather. Dry edible beans were 73 percent planted, compared with 92 percent last year and 73 percent on average. Flaxseed was 91 percent planted by week's end. Potatoes were 93 percent complete, 2 percentage points ahead of average. Three-fourths of the sunflower acreage has been planted, behind last year but ahead of the average pace. Soybeans were 88 percent planted, while crop emergence advanced 26 percentage points to 59 percent emerged. Development of canola and dry edible peas were ahead of the average pace. All other crop conditions were rated mostly good to excellent.

**Livestock:** Moisture continued to be beneficial for pasture and ranges, which improved from the previous week and were rated at 2 percent very poor, 5 poor, 23 fair, 58 good and 12 excellent. This compares with 5 percent very poor, 17 poor, 34 fair, 38 good and 6 excellent on average. Stockwater supplies were rated 2 percent very short, 7 short, 80 adequate and 11 surplus.

### Crop and Pasture Condition North Dakota, Week Ending June 3, 2007

Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Barley	0	1	8	68	23
Durum Wheat	0	0	5	87	8
Spring Wheat	0	2	9	70	19
Oats	0	0	8	71	21
Canola	0	1	8	65	26
Corn	0	2	15	74	9
Dry Edible Beans	0	3	18	68	11
Dry Edible Peas	0	1	7	77	15
Flaxseed	0	1	10	79	10
Potatoes	4	6	16	68	6
Soybeans	0	2	13	75	10
Sugarbeets	0	4	18	70	8
Sunflower	0	1	15	70	14
Pasture and Range	2	5	23	58	12



### Planting: Percent Completed by District North Dakota, Week Ending June 3, 2007

Crop	NW	NC	NE	WC	C	EC	SW	SC	SE
	--- Percent ---								
Durum Wheat	83	94	99	99	100	NA	99	100	NA
Oats	95	98	100	99	100	100	89	100	100
Corn	92	98	100	93	100	99	93	94	97
Dry Edible Beans	NA	75	80	44	48	89	NA	72	64
Flaxseed	90	88	90	87	93	100	94	100	89
Soybeans	85	81	93	NA	87	96	NA	88	78
Sunflowers	84	75	85	70	64	77	82	66	73

NA= Not Available.

### Crop Development Progress North Dakota, Week Ending June 3, 2007 <sup>1/2/</sup>

Crop	Week Ending			2002-2006 Avg
	June 3, 2007	May 27, 2007	June 3, 2006	
	Percent	Percent	Percent	Percent
BARLEY				
Emerged	96	89	92	85
Jointed	24	7	21	13
Boot	1	NA	3	1
DURUM WHEAT				
Planted	89	85	94	87
Emerged	77	68	77	69
Jointed	6	2	7	6
SPRING WHEAT				
Emerged	95	87	94	86
Jointed	22	6	24	16
Boot	1	NA	2	1
OATS				
Planted	98	96	100	97
Emerged	92	85	91	85
Jointed	24	8	30	17
Boot	2	0	2	1
CANOLA				
Emerged	91	79	85	79
Rosette	22	10	8	5
CORN, ALL				
Planted	98	95	98	97
Emerged	93	72	87	83
DRY EDIBLE BEANS				
Planted	73	60	92	73
Emerged	35	20	40	24
DRY EDIBLE PEAS				
Emerged	98	94	93	NA
Flowering	1	NA	0	NA
FLAXSEED				
Planted	91	84	96	91
Emerged	66	54	76	67
POTATOES				
Planted	93	86	98	91
Emerged	53	43	65	41
SOYBEANS				
Planted	88	79	95	88
Emerged	59	33	63	46
SUNFLOWERS				
Planted	75	61	83	72
Emerged	36	19	32	22

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

~ Compiled and Published by ~

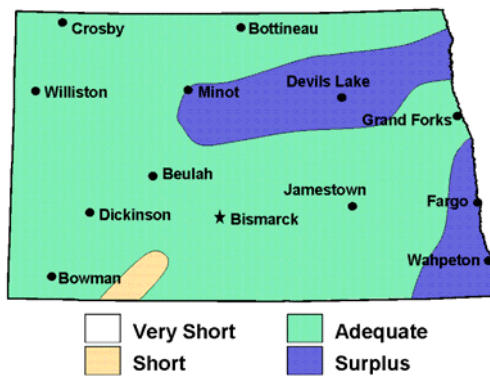
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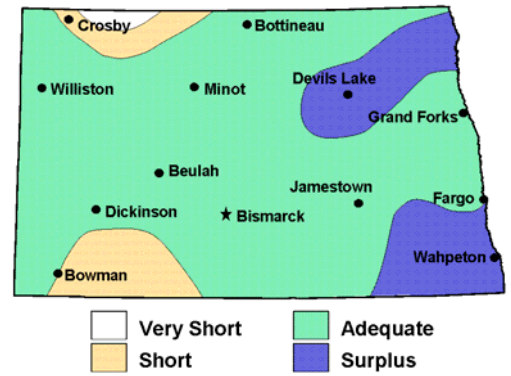
**Soil Moisture Supplies  
 North Dakota, June 3, 2007**

Date	Week Ending			2002-2006 Avg
	June 3, 2007	May 27, 2007	June 3, 2006	
	Percent	Percent	Percent	Percent
<b>Topsoil</b>				
Very Short	0	0	6	5
Short	2	5	23	16
Adequate	78	81	67	68
Surplus	20	14	4	11
<b>Subsoil</b>				
Very Short	1	1	7	6
Short	9	18	16	17
Adequate	76	69	70	67
Surplus	14	12	7	10

**Topsoil Moisture Supplies  
 North Dakota, June 3, 2007**



**Subsoil Moisture Supplies  
 North Dakota, June 3, 2007**



**Weather:** Monday brought in some stronger scattered thunderstorms in a line from the south central part of the state to the northeastern part of the state. With Monday's storms, four hail reports occurred in the east central region of the state. Tuesday brought in even more scattered thunderstorms throughout the state with highs in the 70s. On Wednesday, the state cooled down into the 50s as a system of showers and scattered thunderstorms blanketed the state with most of the moisture falling in the central area of the state. Also on Wednesday, a tornado touched down in Cass County damaging grain bins and nearby tree branches. Thursday warmed back up to highs in the upper 60s to lower 70s with most of the rain occurring in the western and central part of the state. On Friday, more precipitation fell in the southern part of the state. Saturday saw highs in the 70s with showers occurring in the southeast part of the state. On Sunday, a few light scattered showers fell throughout the state and warmed up to the 80s.

**Outlook, June 4-10:** The first part of the week looks to be fairly quiet with highs in the 70s. Monday has a threat of early showers in the eastern part of the state, but this system will not bring significant amounts of moisture. Wednesday brings another threat of precipitation to the western part of the state and should be monitored for development as highs continue to stay in the 70s. On Thursday, a system of thunderstorms brings the greatest chance of precipitation statewide. This system also brings cooler temperatures statewide with highs only in the 60s. Friday stays cool with highs in the upper 60s to lower 70s with a threat of scattered precipitation in the western and central part of the state. The weekend looks to be quiet with highs warming into the 70s. Sunday brings another chance of scattered showers in the state, but should not lead to significant amounts of precipitation.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending June 3, 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	81	47	2.57	5.68	1.89
Williston	81	44	1.59	5.15	1.95
Mohall	81	47	2.16	5.59	1.85
Minot	82	48	2.51	5.35	1.12
(2) Baker	80	49	0.93	7.35	3.67
Bottineau	83	47	0.67	3.59	-0.15
Rugby	80	50	0.77	5.97	2.11
(3) Cando	80	49	0.39	8.90	5.41
Cavalier	80	47	0.07	6.77	3.14
Forest River	83	49	0.40	6.85	3.05
Grand Forks	86	50	0.83	5.45	1.84
Langdon	80	49	0.41	6.00	2.30
St. Thomas	83	49	1.31	9.21	5.41
(4) Hazen	80	46	1.95	5.17	0.87
Turtle Lake	80	47	2.61	6.30	2.29
Watford City	80	46	1.32	5.14	1.36
(5) Carrington	79	51	1.38	5.81	1.48
Harvey	80	50	2.04	5.68	2.62
Jamestown	81	49	3.43	6.81	2.89
Robinson	77	49	2.46	5.29	1.28
Streeter	79	48	3.97	8.02	4.48
(6) Dazey	82	51	1.21	6.12	1.86
Fargo	85	54	1.32	7.40	3.01
Hillsboro	86	52	0.52	5.36	1.07
(7) Beach	74	45	1.31	4.86	0.56
Bowman	74	45	1.78	4.55	0.34
Dickinson	79	46	1.57	4.52	0.10
Hettinger	76	46	1.86	7.12	2.63
(8) Mandan	79	48	3.38	6.55	2.29
Linton	79	48	3.85	7.35	3.34
(9) Edgeley	81	50	2.99	6.99	2.03
Oakes	82	52	3.49	12.13	7.57
Wyndmere	85	53	4.11	10.89	5.94

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending June 3, 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)	63	4	2.21	5.44	1.70
N. Central(2)	64	5	0.79	5.64	1.88
Northeast(3)	65	4	0.57	7.20	3.52
W. Central(4)	63	2	1.96	5.54	1.51
Central(5)	64	3	2.66	6.32	2.55
E. Central(6)	68	6	1.02	6.29	1.98
Southwest(7)	60	1	1.63	5.26	0.91
S. Central(8)	63	2	3.61	6.95	2.82
Southeast(9)	67	5	3.53	10.00	5.18

<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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