

# 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

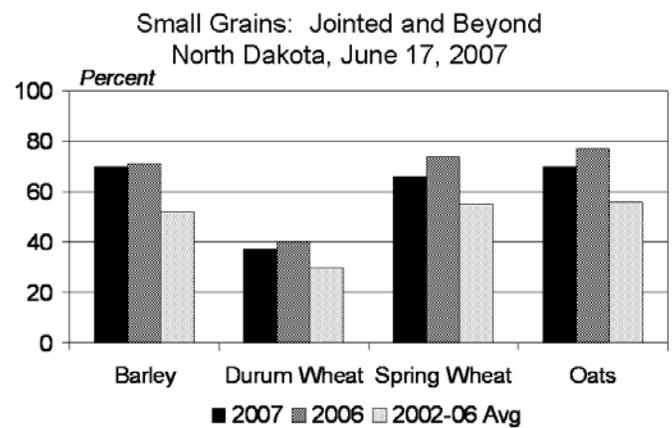
Released: June 18, 2007  
For Week Ending: June 17, 2007  
ND-CW2507

**General:** Frequent rain showers slowed producers' progress on spraying and haying activities, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Reporters noted that crops overall looked good, but fields were near saturation and need warm dry days to allow producers to get back into the fields. Moist conditions have increased the occurrence of leaf disease and insect problems in some crops. Areas of the state that received the most rainfall during the week were reporting standing water in the fields. Reporters noted spraying progress was made difficult by wet soils, so producers started using aerial sprayers. Post emergence spraying for the control of broadleaf weeds and wild oats was 72 and 82 percent complete, respectively. Both continued behind last year's pace but still ahead of the average pace. Topsoil moisture supplies were rated 99 percent adequate to surplus, compared with the five-year (2002-2006) average of 80 percent adequate to surplus. Subsoil moisture supplies were rated 5 percent short, 76 adequate and 19 surplus. Statewide, on average, there were 3.8 days suitable for fieldwork.

**Crops:** Small grain crop development in the jointed and boot stages were ahead of average, while small grains that have entered the heading developmental stage were behind average for all crops except barley. Small grain crop conditions deteriorated slightly from the previous week, but were still rated most good to excellent. Some fields will not get planted due to excessive moisture. Emergence was at least at the average pace for all other crops except dry edible beans. All other crop conditions were rated mostly good to excellent, but deteriorated slightly from the previous week.

**Livestock:** Recent heavy rainfall slowed and or delayed the harvest of alfalfa and other hay as producers either couldn't get into the field or were waiting for the hay to dry. The first cutting of alfalfa was 9 percent complete, while other hay was 4 percent complete. Both hay crops were behind last year, while alfalfa remained behind the average pace. Hay condition was rated 1 percent poor, 11 fair, 70 good and 18 excellent. Pasture and range conditions were rated 1 percent very poor, 2 poor, 14 fair, 64 good and 19 excellent, compared with 8 percent very poor, 15 poor, 28 fair, 40 good and 8 excellent on average. Stockwater supplies were rated 94 percent adequate to surplus, compared with 85 percent adequate to surplus on average.

Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Barley	0	1	9	68	22
Durum Wheat	0	0	7	78	15
Spring Wheat	0	3	9	68	20
Oats	0	1	7	73	19
Canola	0	1	9	68	22
Corn	1	8	17	66	8
Dry Edible Beans	3	7	25	60	5
Dry Edible Peas	0	0	8	76	16
Flaxseed	0	0	9	83	8
Potatoes	4	8	23	56	9
Soybeans	1	7	16	65	11
Sugarbeets	1	8	24	57	10
Sunflower	0	2	13	73	12
Pasture and Range	1	2	14	64	19



Crop	NW	NC	NE	WC	C	EC	SW	SC	SE
Dry Edible Beans	NA	100	96	98	98	99	NA	NA	91
Soybeans	99	100	98	NA	99	99	NA	100	89
Sunflowers	100	100	96	94	99	94	100	96	82

NA= Not Available.

Crop	Week Ending			2002-2006 Avg
	June 17, 2007	June 10, 2007	June 17, 2006	
	Percent	Percent	Percent	Percent
BARLEY				
Jointed	70	44	71	52
Boot	32	8	32	19
Headed	6	1	12	5
DURUM WHEAT				
Emerged	96	89	99	94
Jointed	37	17	40	30
Boot	10	4	13	8
Headed	1	0	5	2
SPRING WHEAT				
Jointed	66	42	74	55
Boot	29	8	43	23
Headed	3	0	16	6
OATS				
Jointed	70	45	77	56
Boot	31	9	49	22
Headed	4	1	16	5
CANOLA				
Rosette	65	42	57	40
Blooming	9	2	11	7
DRY EDIBLE BEANS				
Planted	97	91	100	96
Emerged	80	57	96	81
Blooming	1	1	2	0
DRY EDIBLE PEAS				
Flowering	25	8	19	NA
FLAXSEED				
Emerged	95	83	99	95
Blooming	1	0	6	2
POTATOES				
Planted	97	96	100	99
Emerged	89	71	96	85
Blooming	1	0	5	1
SOYBEANS				
Planted	96	93	100	98
Emerged	91	79	97	91
Blooming	1	0	1	0
SUNFLOWERS				
Planted	96	89	99	96
Emerged	78	57	88	74

<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

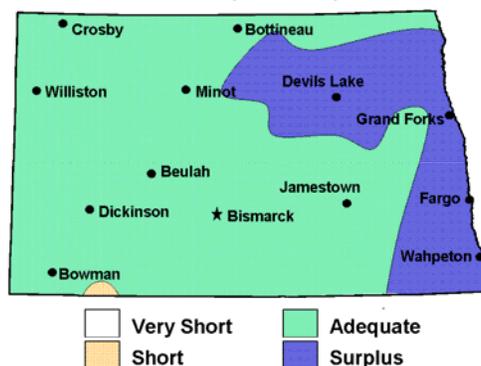
OFFICIAL BUSINESS  
 Penalty for Private Use, \$300

ADDRESS SERVICE REQUESTED

**Soil Moisture Supplies  
 North Dakota, Week Ending June 17, 2007**

Date	Week Ending			2002-2006 Avg
	June 17, 2007	June 10, 2007	June 17, 2006	
	Percent	Percent	Percent	Percent
<b>Topsoil</b>				
Very Short	0	0	11	7
Short	1	0	25	13
Adequate	73	80	62	66
Surplus	26	20	2	14
<b>Subsoil</b>				
Very Short	0	0	9	7
Short	5	7	21	16
Adequate	76	79	67	64
Surplus	19	14	3	13

**Topsoil Moisture Supplies  
 North Dakota, June 17, 2007**



**Weather:** Monday started off the week with temperatures in the upper 80s to lower 90s as some stronger thunderstorms moved through the northwest part of the state. With this system hail and wind reports occurred mainly in the northwestern part of the state. On Tuesday, the high temperatures continued and brought in more precipitation as a system of storms moved through the central and eastern parts of the state. A couple of hail and wind reports occurred in the north central part of the state as well as three tornado reports. Wednesday brought in calmer weather and cooler temperatures with highs in the 70s as precipitation fell in the eastern part of the state. On Thursday, more precipitation fell mainly in the eastern and northwestern part of the state. On Friday, the highs were in the 70s as a system of storms moved through the state. Saturday temperatures were in the upper 70s to lower 80s as thunderstorms moved through the central regions of the state. Some of the thunderstorms were strong producing six hail reports in the south central and south eastern parts of the state. On Sunday, several wind and hail reports occurred in the central and eastern regions of the state.

**Outlook, June 18-24:** This week will start off cool with highs in the upper 60s to 70s, but continue to warm up as the week continues. On Monday, scattered storms will move through the central and eastern parts of the state. Tuesday and Wednesday look to be calm and dry as highs rise into the 80s by Wednesday. Thursday and Friday bring in a chance for precipitation in the form of scattered storms as highs continue to stay in the 80s. As of right now, this system does not appear like it will bring lots of moisture but should be monitored for movement and development. On Saturday, the chance for scattered storms continues, but mainly in the northern part of the state. Sunday highs will continue to be in the 80s as another threat for precipitation occurs mainly in the eastern part of the state.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending June 17, 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)	69	6	1.82	7.68	2.61
N. Central(2)	67	4	2.06	8.72	3.55
Northeast (3)	70	6	1.58	10.39	5.24
W. Central(4)	68	4	1.12	7.24	1.72
Central (5)	68	4	2.61	10.33	5.10
E. Central(6)	73	7	3.51	11.03	5.12
Southwest(7)	68	4	0.53	8.22	2.42
S. Central(8)	69	4	0.70	10.29	4.80
Southeast(9)	75	9	2.43	12.91	6.51

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending June 17, 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	88	49	1.23	7.47	2.32
Williston	89	51	1.24	6.78	2.47
Mohall	89	46	1.50	7.30	2.17
Minot	90	52	3.33	9.19	3.49
(2) Baker	84	52	2.06	10.73	5.71
Bottineau	87	47	2.63	6.52	1.27
Rugby	86	51	1.50	8.90	3.67
(3) Cando	84	54	1.28	10.96	6.07
Cavalier	87	52	1.77	10.14	5.05
Forest River	87	54	1.82	10.29	4.93
Grand Forks	91	55	1.44	9.46	4.45
Langdon	85	53	1.46	8.70	3.46
St. Thomas	89	56	1.73	12.82	7.46
(4) Hazen	86	51	1.31	7.05	1.19
Turtle Lake	85	53	1.71	8.92	3.36
Watford City	89	49	0.33	5.76	0.60
(5) Carrington	86	52	0.96	8.24	2.13
Harvey	86	52	2.88	10.15	5.76
Jamestown	87	53	5.12	12.84	7.55
Robinson	83	50	2.54	9.27	3.82
Streeter	84	52	1.55	11.14	6.24
(6) Dazey	87	54	3.69	10.99	5.19
Fargo	91	59	3.38	11.69	5.64
Hillsboro	92	55	3.45	10.42	4.53
(7) Beach	86	49	0.71	7.51	1.95
Bowman	85	52	0.63	9.61	3.89
Dickinson	85	51	0.35	6.00	-0.02
Hettinger	86	50	0.44	9.75	3.86
(8) Mandan	85	54	0.84	11.67	6.07
Linton	84	55	0.55	8.92	3.53
(9) Edgeley	89	58	1.63	9.47	2.89
Oakes	91	59	2.44	14.68	8.60
Wyndmere	91	63	3.23	14.58	8.05

<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.

<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.