

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: July 7, 2008
For Week Ending: July 6, 2008
ND-CW2708

General: Warm, dry conditions across the state last week aided crop growth, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Recent dry conditions have many producers concerned about topsoil moisture supplies, according to reporters. Insects have been reported in isolated areas of the state as producers have applied chemicals to prevent damage to crops. Post emergence spraying for the control of broadleaf weeds and wild oats were virtually complete at 95 and 97 percent complete by week's end, respectively. Topsoil moisture supplies were rated 8 percent very short, 34 short, 57 adequate and 1 surplus compared with the five-year (2003-2007) average of 7 percent very short, 19 short, 62 adequate and 12 surplus. Subsoil moisture supplies were rated 15 percent very short, 31 short and 54 adequate compared with 1 percent very short, 14 short, 78 adequate and 7 surplus last year. Statewide, on average, there were 6.8 days suitable for fieldwork last week, compared with 5.7 days on average.

Crops: Small grain conditions declined from the previous week. Small grain development in the jointed stage neared completion except for Durum wheat. Spring wheat, at 86 percent boot, continued behind last year but ahead of the average. Small grains development in the headed stage progressed behind or equal to last year and the average. All other crop conditions declined last week except for potatoes, soybeans and sugarbeets. Flaxseed in the blooming stage was 33 percent complete, compared with 45 last year and 51 percent on average. Dry edible peas in the flowering stage were 83 percent complete, compared with 93 percent last year.

Livestock: The first cutting of alfalfa was 54 percent complete by week's end, compared with 80 percent last year and 73 percent on average. The cutting of other hay was 33 percent complete, compared with 49 percent last year and 42 percent on average. The hay crop condition was rated 9 percent very poor, 32 poor, 39 fair, 19 good and 1 excellent. Pasture and range conditions were rated 7 percent very poor, 23 poor, 36 fair, 33 good and 1 excellent compared with the average when conditions were rated 7 percent very poor, 11 poor, 24 fair, 48 good and 10 excellent. Stockwater supplies were rated 58 percent adequate to surplus, compared with 92 percent last year and 85 percent on average.

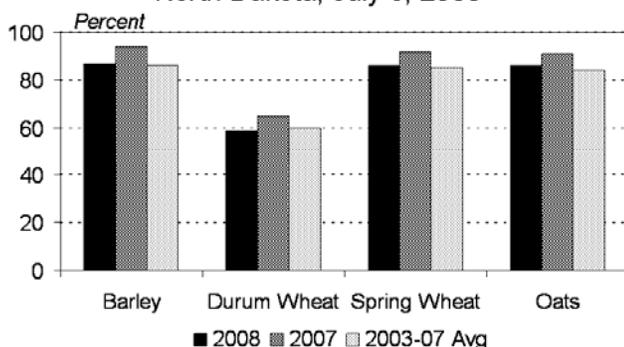
Crop and Pasture Condition North Dakota, Week Ending July 6, 2008

Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Barley	1	3	25	62	9
Durum Wheat	1	9	39	50	1
Spring Wheat	1	4	26	60	9
Oats	1	4	38	53	4
Canola	1	7	29	57	6
Corn	2	4	32	54	8
Dry Edible Beans	0	3	31	57	9
Dry Edible Peas	0	6	33	59	2
Flaxseed	0	5	36	56	3
Potatoes	0	1	26	61	12
Soybeans	1	3	20	67	9
Sugarbeets	0	3	17	68	12
Sunflowers	1	2	34	56	7
Pasture and Range	7	23	36	33	1

Crop Development Progress North Dakota, Week Ending July 6, 2008^{1 2}

Crop	Week Ending			2003-2007 Avg
	July 6, 2008	June 29, 2008	July 6, 2007	
	Percent	Percent	Percent	Percent
Barley				
Jointed	98	94	99	96
Boot	87	65	94	86
Headed	66	32	83	68
Milk	17	2	43	28
Turning	1	NA	7	6
Durum Wheat				
Jointed	84	78	83	84
Boot	59	56	65	60
Headed	36	35	44	36
Milk	11	2	9	8
Turning	0	NA	1	1
Spring Wheat				
Jointed	97	89	99	96
Boot	86	57	92	85
Headed	61	25	74	67
Milk	14	1	32	26
Turning	1	NA	3	3
Oats				
Jointed	98	89	98	95
Boot	86	60	91	84
Headed	56	27	76	65
Milk	18	3	39	29
Turning	1	NA	7	6
Canola				
Rosette	95	83	100	96
Blooming	60	26	84	76
Turning	0	NA	2	1
Corn				
Silking	1	0	6	3
Dry Edible Beans				
Blooming	6	1	27	18
Setting Pods	0	NA	3	2
Dry Edible Peas				
Flowering	83	50	93	NA
Mature	3	NA	2	NA
Flaxseed				
Blooming	33	5	45	51
Potatoes				
Blooming	22	6	59	45
Rows Filled	5	NA	18	19
Soybeans				
Blooming	10	1	22	17
Sunflowers				
Blooming	1	NA	1	1

Crops: Boot and Beyond
North Dakota, July 6, 2008



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

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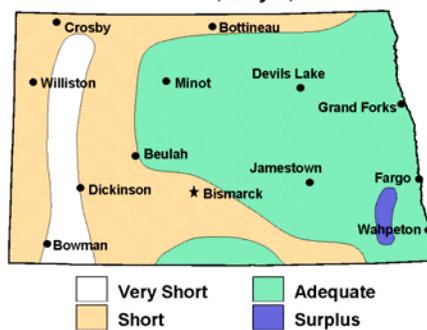
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NORTH DAKOTA CROP WEATHER REPORT, Week Ending July 6, 2008

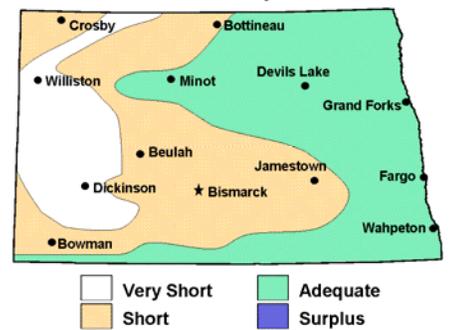
**Soil Moisture Supplies
 North Dakota, Week Ending July 6, 2008**

Date	Week Ending			2003-2007 Avg
	July 6, 2008	June 29, 2008	July 6, 2007	
	Percent	Percent	Percent	Percent
Topsoil				
Very Short	8	3	1	7
Short	34	20	23	19
Adequate	57	75	70	62
Surplus	1	2	6	12
Subsoil				
Very Short	15	12	1	7
Short	31	29	14	17
Adequate	54	58	78	64
Surplus	0	1	7	12

**Topsoil Moisture Supplies
 North Dakota, July 6, 2008**



**Subsoil Moisture Supplies
 North Dakota, July 6, 2008**



Weather: This past week saw near normal temperatures statewide, while most parts of the state stayed fairly dry. Monday started off the week dry with highs in the 80s to 90s. On Tuesday, there were a few isolated thunderstorms in the southwestern part of the state with highs staying in the 80s to 90s. Wednesday and Thursday were dry but much cooler with highs in the 70s to mid-80s. Friday remained dry, but temperatures warmed back up into the 80s to mid-90s. Saturday brought a few isolated thunderstorms occurring mainly in the eastern half of the state with highs in the 80s to 90s. On Sunday, a system of showers and thunderstorms moved through the state late at night into Monday with highs in the 80s to low 90s.

Outlook, July 7-13: This week looks to have near to below normal temperatures with most of the state having a chance of receiving precipitation. Monday will start off the week wet as a system of showers and thunderstorms moves through the state with highs in the 70s to 80s. On Tuesday, there is a slight chance for an isolated shower in the northeastern part of the state with highs in the 70s to mid-80s. Wednesday brings a chance of an isolated thunderstorm statewide as highs will rise into the upper 70s to 80s. On Thursday, there is a chance of an isolated thunderstorm in the eastern half of the state with highs warming into the 80s to 90s. Scattered showers and thunderstorms will move through the state on Friday with highs in the upper 80s to 90s. On Saturday, there is a chance of an isolated shower in the eastern half of the state with highs cooling down into the upper 70s to 80s. Sunday brings a threat for an isolated thunderstorm in the eastern half of the state with highs staying in the upper 70s to 80s.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending July 6, 2008**

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1 ^{1/}		
	High	Low	Past Week	Total	Depart Normal ^{2/}
	(Degrees F)	(Degrees F)	(Inches)	(Inches)	(Inches)
(1) Bowbells	86	47	0.05	5.76	-1.42
Williston	93	54	0.03	3.74	-2.17
Mohall	85	44	0.01	6.90	-0.25
Minot	89	49	0.00	8.29	0.50
(2) Baker	88	49	0.00	7.05	-0.12
Bottineau	87	40	0.22	5.18	-2.30
Rugby	89	46	0.00	5.87	-1.54
(3) Cando	88	45	0.02	6.63	-0.31
Cavalier	89	45	0.00	6.33	-0.96
Forest River	90	47	0.00	4.82	-2.68
Grand Forks	91	46	0.00	4.27	-2.75
Langdon	85	45	0.07	5.71	-1.79
St. Thomas	87	46	0.00	6.05	-1.45
(4) Hazen	93	44	0.43	4.80	-3.16
Turtle Lake	88	47	0.01	6.41	-1.33
Watford City	91	53	0.00	4.22	-2.76
(5) Carrington	87	46	0.00	6.87	-1.71
Harvey	89	43	0.00	5.76	-0.40
Jamestown	90	48	0.01	6.76	-0.71
Robinson	87	46	0.00	6.68	-0.91
Streeter	89	44	0.00	5.67	-1.42
(6) Dazey	92	47	0.00	5.57	-2.45
Fargo	90	48	0.00	9.15	0.85
Hillsboro	91	45	0.00	6.27	-1.96
(7) Beach	93	50	0.02	4.84	-2.34
Bowman	93	47	0.00	5.95	-1.61
Dickinson	93	51	0.72	4.60	-3.45
Hettinger	93	49	0.06	8.77	1.05
(8) Mandan	90	45	0.15	7.24	-0.36
Linton	90	46	0.05	5.39	-1.94
(9) Edgeley	94	44	0.00	5.25	-3.19
Oakes	93	47	0.00	6.19	-2.03
Wyndmere	89	48	0.00	7.18	-1.72

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending July 6, 2008**

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1 ^{1/}		
	Past Week	Depart Normal ^{2/}	Past Week	Total	Depart Normal ^{2/}
	(Degrees F)	(Degrees F)	(Inches)	(Inches)	(Inches)
Northwest(1)	68	1	0.02	6.17	-0.83
N. Central(2)	66	0	0.07	6.03	-1.32
Northeast(3)	67	0	0.02	5.64	-1.66
W. Central(4)	69	1	0.15	5.14	-2.42
Central(5)	66	-1	0.00	6.35	-1.03
E. Central(6)	68	0	0.00	7.00	-1.19
Southwest(7)	71	3	0.20	6.04	-1.59
S. Central(8)	67	-1	0.10	6.31	-1.15
Southeast(9)	69	0	0.00	6.21	-2.31

^{1/} Precipitation amounts may vary due to an inaccurate snowfall melt. ^{2/} 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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