

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



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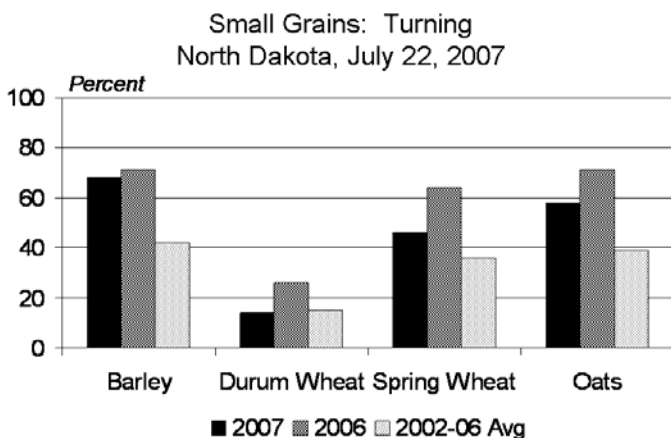
Released: July 23, 2007
For Week Ending: July 22, 2007
ND-CW3007

General: Above normal temperatures advanced crop development, but a generally dry week caused additional stress, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Disease problems were reported showing up from infections earlier this year. The hail storm that occurred on July 15 caused extensive crop damage in the southeast area of the state. Topsoil moisture supplies were rated 61 percent adequate to surplus. This compares with last year and the five-year (2002-2006) average of 10 and 59 percent adequate to surplus, respectively. Subsoil moisture supplies were rated 2 percent very short, 23 short, 70 adequate and 5 surplus. Statewide, on average, there were 6.5 days suitable for fieldwork.

Crops: Small grain crop development continued to advance ahead of average, but still behind last year's pace. Spring wheat was 46 percent turning and beyond, behind last year's 64 percent, but ahead of the average of 36 percent. Less than one-half of one percent of the spring wheat crop was combined compared with 4 percent last year. Durum wheat was 14 percent turning and beyond compared with 26 percent last year and the average of 15 percent. The barley and oat harvest was underway by week's end, but with only 2 percent harvested for both. Small grain crop conditions continued to be rated mostly good to excellent, but showed a slight decrease from the previous week.

Development of all other crops also made good progress as the warm temperatures promoted crop growth. Corn was 55 percent in the silking and beyond stage compared with 56 percent last year and 36 percent on average. Dry edible peas were 52 percent mature and beyond, behind last year's 65 percent. Soybeans had 38 percent of their acreage in the setting pods and beyond stage compared with 67 percent last year and the average of 29 percent. All other crop conditions remained mostly good to excellent.

Livestock: Haying progress was aided by warm, dry conditions during the week. The first cutting of alfalfa was 99 percent complete while the second cutting of alfalfa was 27 percent complete. Other hay baling was 80 percent complete. Second alfalfa and other hay cuttings were behind last year. Hay condition was rated 1 percent very poor, 3 poor, 19 fair, 59 good and 18 excellent. Pasture and range conditions were rated 1 percent very poor, 6 poor, 24 fair, 60 good and 9 excellent, compared with the average of 15 percent very poor, 18 poor, 28 fair, 32 good and 7 excellent. Stockwater supplies were 86 percent adequate to surplus, well above last year's 42 percent.



Crop and Pasture Condition North Dakota, Week Ending July 22, 2007

Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Barley	1	1	12	69	17
Durum Wheat	1	1	15	70	13
Spring Wheat	1	2	13	68	16
Oats	0	1	12	77	10
Canola	0	2	13	69	16
Corn	2	3	17	61	17
Dry Edible Beans	3	7	24	55	11
Dry Edible Peas	0	1	11	74	14
Flaxseed	0	1	10	79	10
Potatoes	3	4	12	53	28
Soybeans	2	4	15	59	20
Sugarbeets	2	5	15	52	26
Sunflower	0	2	13	70	15
Hay	1	3	19	59	18
Pasture and Range	1	6	24	60	9

Crop Development Progress North Dakota, Week Ending July 22, 2007 ^{1/2/}

Crop	Week Ending			2002-2006 Avg
	July 22, 2007	July 15, 2007	July 22, 2006	
	Percent	Percent	Percent	Percent
BARLEY				
Milk	91	81	92	75
Turning	68	42	71	42
Harvested	2	0	10	2
DURUM WHEAT				
Jointed	97	90	100	99
Boot	91	80	99	91
Headed	83	66	93	77
Milk	50	32	67	44
Turning	14	6	26	15
Harvested	0	NA	2	0
SPRING WHEAT				
Headed	98	94	100	93
Milk	83	68	93	71
Turning	46	21	64	36
Harvested	0	0	4	1
OATS				
Headed	99	94	100	93
Milk	90	73	91	73
Turning	58	30	71	39
Harvested	2	0	17	4
CANOLA				
Turning	37	13	47	25
Swathed	1	0	3	1
CORN				
Silking	55	25	56	36
Dough	1	0	3	1
DRY EDIBLE BEANS				
Blooming	78	68	94	63
Setting Pods	33	10	59	23
Fully Podded	1	NA	3	1
DRY EDIBLE PEAS				
Mature	52	23	65	NA
Harvested	2	0	15	NA
FLAXSEED				
Blooming	91	81	99	90
Turning	15	3	34	13
POTATOES				
Blooming	97	86	100	84
Rows Filled	51	31	87	62
SOYBEANS				
Blooming	82	72	95	72
Setting Pods	38	11	67	29
Fully Podded	3	NA	9	4
SUNFLOWERS				
Blooming	13	3	23	8

^{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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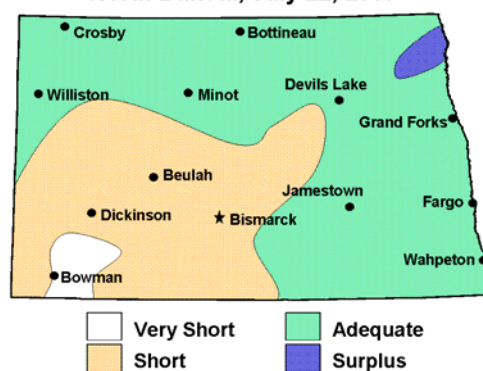
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**Soil Moisture Supplies
 North Dakota, Week Ending July 22, 2007**

Date	Week Ending			2002-2006 Avg
	July 22, 2007	July 15, 2007	July 22, 2006	
	Percent	Percent	Percent	Percent
Topsoil				
Very Short	4	3	50	17
Short	35	25	40	24
Adequate	59	67	10	53
Surplus	2	5	0	6
Subsoil				
Very Short	2	1	34	15
Short	23	20	45	23
Adequate	70	73	21	55
Surplus	5	6	0	7

**Topsoil Moisture Supplies
 North Dakota, July 22, 2007**



Weather: This week was above normal in the temperature department with limited amounts of precipitation. Monday was the coolest with highs in the 70s to 80s as some moisture moved through the central and southwest part of the state. On Tuesday and Wednesday, a few storms moved through the southwest part of the state as temperatures warmed up to the 80s. Thursday was nice and dry as temperatures dropped to the upper 70s to lower 80s. Friday was once again dry with temperatures in the upper 80s to lower 90s. On Saturday, some isolated storms moved through the south and the southeast part of the state. Temperatures climbed into the 100s in the western part of the state. Sunday highs were in the 90s in the eastern part and in the 100s on the western part of the state. A few scattered storms on Sunday produced precipitation in the northwest and east central regions of the state. Ten hail reports occurred on Sunday with one storm that moved through the east central area of the state with 3 inch hail occurring in Steele County.

Outlook, July 23-29: This week expect an above average week in the temperature department, although it will cool down as the week continues. Monday will be dry as the western side of the state will have highs in the 100s while the eastern side of the state sees highs in the 90s. On Tuesday, there is a risk of an isolated storm, but do not expect much in means of precipitation as highs continue to stay in the 90s to 100s. Wednesday highs will cool down to the 90s as the threat of moisture increases in the form of scattered storms. On Thursday, the threat of precipitation continues with scattered storms in the eastern part of the state. Friday will be calm and dry as highs continue to stay in the upper 80s to 90s. Saturday and Sunday continue to stay dry as highs stay in the upper 80s to lower 90s.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending July 22, 2007**

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)	75	7	0.03	9.52	1.18
N. Central(2)	73	6	0.02	11.34	2.44
Northeast (3)	71	2	0.01	14.26	5.54
W. Central(4)	80	9	0.04	8.11	-0.61
Central (5)	74	4	0.09	11.57	2.78
E. Central(6)	71	0	0.01	12.49	2.78
Southwest(7)	81	11	0.49	9.77	1.14
S. Central(8)	77	6	0.12	11.44	2.64
Southeast(9)	72	1	0.50	14.43	4.59

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending July 22, 2007**

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	92	56	0.04	9.82	1.17
Williston	100	62	0.04	8.34	1.29
Mohall	93	51	0.00	9.33	0.78
Minot	96	55	0.05	10.59	1.49
(2) Baker	92	54	0.00	12.77	4.03
Bottineau	93	53	0.00	10.58	1.62
Rugby	95	55	0.06	10.66	1.66
(3) Cando	91	52	0.00	14.24	5.94
Cavalier	91	49	0.01	15.50	6.57
Forest River	94	50	0.00	13.28	4.43
Grand Forks	90	50	0.01	11.04	2.67
Langdon	90	53	0.01	12.46	3.45
St. Thomas	92	53	0.00	19.01	10.16
(4) Hazen	101	61	0.10	7.86	-1.25
Turtle Lake	97	56	0.00	9.66	0.63
Watford City	104	62	0.03	6.81	-1.22
(5) Carrington	96	49	0.00	9.15	-0.93
Harvey	96	54	0.00	11.06	3.82
Jamestown	94	51	0.09	13.95	4.89
Robinson	97	54	0.05	10.48	1.49
Streeter	95	57	0.31	13.20	4.61
(6) Dazey	93	50	0.01	12.59	2.92
Fargo	90	57	0.00	12.90	3.21
Hillsboro	87	49	0.01	11.99	2.21
(7) Beach	99	60	0.14	9.54	1.41
Bowman	104	59	0.01	10.79	2.24
Dickinson	103	61	0.13	6.91	-2.16
Hettinger	102	62	1.67	11.84	3.07
(8) Mandan	96	57	0.23	12.96	3.93
Linton	98	60	0.00	9.93	1.34
(9) Edgeley	95	52	0.04	10.63	1.22
Oakes	89	54	0.76	16.26	6.69
Wyndmere	91	54	0.71	16.40	5.86

^{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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