

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

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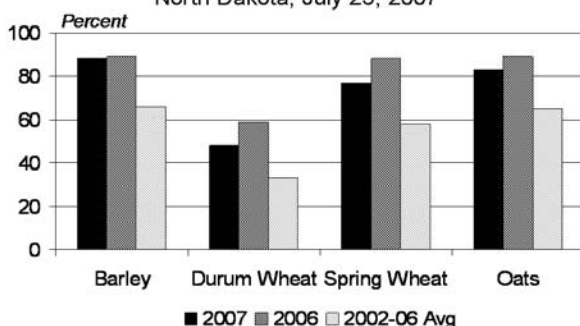
General: Mostly dry conditions and above normal temperatures prevailed across the state except for areas in the northeast and southeastern counties which received heavy amounts of precipitation last week, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. The hot, dry conditions were beneficial for small grain harvest, but continued to stress crop development. Heavy rains received in the northeast were a problem for small grains in the swath. Some leaf diseases and head scab were found in wheat in areas that received excess moisture. Topsoil moisture supplies were rated 57 percent adequate to surplus. This compares with last year and the five-year (2002-2006) average of 10 and 51 percent adequate to surplus, respectively. Subsoil moisture supplies were rated 68 percent adequate to surplus, down from 75 percent adequate to surplus the previous week. Statewide, on average, there were 6.3 days suitable for fieldwork.

Crops: The small grain harvest was just beginning last week, with most crops behind last year's early pace, but ahead of the average. As of July 29, spring wheat was 6 percent harvested, compared with 19 percent last year and 5 percent on average while 77 percent of the crop was turning and beyond. Durum wheat was 5 percent harvested compared with 5 percent last year and 2 percent on average while 48 percent was turning and beyond. The barley and oat harvest was also underway by week's end with 16 percent harvested for barley and 10 percent for oats. Small grain crop conditions were rated mostly good, but continue to show 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 86 percent in the silking and beyond stage compared with 87 percent last year and 68 percent on average. Soybeans had 8 percent of their acreage in the fully podded and beyond stage compared with 24 percent last year and the average of 10 percent. Dry edible beans were 3 percent fully podded, behind last year's 12 percent and the average of 4 percent. Dry edible peas were 27 percent harvested, behind last year's 35 percent harvested. The sunflower crop was 30 percent blooming and beyond, behind last year's 58 percent but ahead of the average of 25 percent. Overall, all other crop conditions deteriorated slightly, but remain mostly good to excellent.

Livestock: Haying progress was aided by hot, dry conditions during the week. The second cutting of alfalfa was 52 percent complete while other hay baling was 86 percent complete, both behind last year. Hay condition was rated 1 percent very poor, 3 poor, 23 fair, 59 good and 14 excellent, down slightly from the previous week. Pasture and range conditions were rated 1 percent very poor, 8 poor, 29 fair, 55 good and 7 excellent, compared with the average of 17 percent very poor, 20 poor, 28 fair, 31 good and 5 excellent. Stockwater supplies were at 82 percent adequate to surplus, well above last year's 37 percent.

Small Grains: Turning and Beyond
North Dakota, July 29, 2007



Crop and Pasture Condition North Dakota, Week Ending July 29, 2007

Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Barley	0	1	16	65	18
Durum Wheat	1	3	23	59	14
Spring Wheat	1	3	14	66	16
Oats	0	1	15	76	8
Canola	0	3	17	64	16
Corn	2	3	17	64	14
Dry Edible Beans	3	4	22	54	17
Dry Edible Peas	0	1	16	71	12
Flaxseed	0	2	17	73	8
Potatoes	6	2	14	48	30
Soybeans	2	3	17	63	15
Sugarbeets	2	5	18	54	21
Sunflower	0	2	16	66	16
Hay	1	3	23	59	14
Pasture and Range	1	8	29	55	7

Crop Development Progress North Dakota, Week Ending July 29, 2007 ^{1/2/}

Crop	Week Ending			2002-2006 Avg
	July 29, 2007	July 29, 2007	July 29, 2006	
	Percent	Percent	Percent	Percent
BARLEY				
Milk	98	91	97	90
Turning	88	68	89	66
Harvested	16	2	24	8
DURUM WHEAT				
Boot	99	91	100	97
Headed	92	83	99	91
Milk	71	50	88	67
Turning	48	14	59	33
Harvested	5	0	5	2
SPRING WHEAT				
Milk	95	83	99	86
Turning	77	46	88	58
Harvested	6	0	19	5
OATS				
Milk	97	90	97	89
Turning	83	58	89	65
Harvested	10	2	35	11
CANOLA				
Turning	62	37	69	48
Swathed	13	1	14	9
Harvested	2	NA	2	0
CORN				
Silking	86	55	87	68
Dough	15	1	9	5
DRY EDIBLE BEANS				
Blooming	87	78	99	82
Setting Pods	64	33	84	43
Fully Podded	3	1	12	4
DRY EDIBLE PEAS				
Mature	88	52	86	NA
Harvested	27	2	35	NA
FLAXSEED				
Blooming	96	91	100	97
Turning	35	15	58	30
Harvested	0	NA	2	0
POTATOES				
Blooming	98	97	100	93
Rows Filled	79	51	94	77
Vines Killed	0	NA	5	1
SOYBEANS				
Blooming	93	82	99	90
Setting Pods	65	38	90	56
Fully Podded	8	3	24	10
SUNFLOWERS				
Blooming	30	13	58	25

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

Crops Harvested: Percent Completed, by District North Dakota, Week Ending July 29, 2007

Crop	NW	NC	NE	WC	C	EC	SW	SC	SE
	--- Percent ---								
Barley	11	10	4	23	31	45	34	19	18
Oats	3	6	1	9	7	2	12	4	44
Dry Edible Peas	21	7	5	66	21	76	27	25	9

~ Compiled and Published by ~

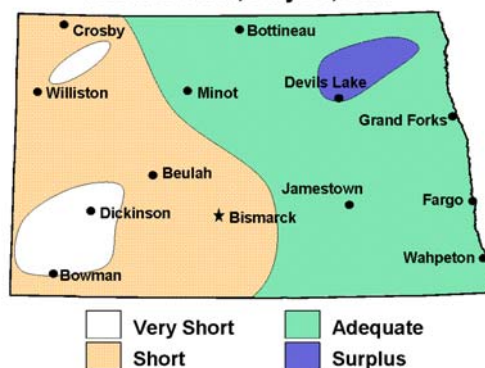
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**Soil Moisture Supplies
 North Dakota, Week Ending July 29, 2007**

Date	Week Ending			2002-2006 Avg
	July 29, 2007	July 22, 2007	July 29, 2006	
	Percent	Percent	Percent	Percent
Topsoil				
Very Short	10	4	54	20
Short	33	35	36	29
Adequate	53	59	10	47
Surplus	4	2	0	4
Subsoil				
Very Short	4	2	39	17
Short	28	23	44	26
Adequate	64	70	17	52
Surplus	4	5	0	5

**Topsoil Moisture Supplies
 North Dakota, July 29, 2007**



Weather: This week was another above average week in the temperature department. Monday highs soared into the lower 100s on the western part of the state and were in the 90s for the eastern part of the state as a strong thunderstorm moved through the east central area of the state. Tuesday highs continued to stay in the 90s to 100s as some scattered precipitation fell mainly in the southeast part of the state. On Wednesday, light precipitation fell through most of the state as temperatures cooled down into the upper 80s to mid-90s as a cold front moved through the state. Thursday temperatures cooled even more into the 80s to lower 90s as some scattered precipitation fell in the eastern part of the state. Friday was dry as highs cooled into the 80s throughout the state. Saturday and Sunday continued to stay dry as highs went back up into the 90s and the western part of the state saw highs in the 100s on Sunday.

Outlook, July 30-August 5: This week will start off with higher than normal temperatures and cool off as the week goes on. Monday will be dry as highs are in the 90s to 100s with the western side of the state seeing the higher temperatures. On Tuesday, there is a chance of precipitation in the form of scattered storms throughout the state as highs continue to stay in the 90s to 100s. Wednesday temperatures will cool down in the 80s as the threat of scattered precipitation continues throughout the state. Thursday will be dry and calm as highs continue to stay in the 80s. Friday brings a threat of precipitation especially in the eastern half of the state as temperatures climb into the 80s to lower 90s. On Saturday and Sunday, there is a chance of scattered precipitation throughout the state, but there is a greater chance in the eastern half of the state as temperatures will fall back down into the 80s.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending July 29, 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)	78	9	0.11	9.63	0.74
N. Central(2)	75	7	0.06	11.40	1.85
Northeast (3)	73	4	1.89	16.14	6.80
W. Central(4)	80	9	0.01	8.12	-1.06
Central (5)	76	5	1.10	12.67	3.28
E. Central(6)	74	3	0.47	12.96	2.58
Southwest(7)	80	10	0.00	9.77	0.76
S. Central(8)	79	8	0.01	11.45	2.07
Southeast(9)	75	3	0.60	15.03	4.60

^{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.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending July 29, 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	102	52	0.00	9.82	0.56
Williston	107	57	0.33	8.67	1.16
Mohall	101	50	0.03	9.36	0.21
Minot	103	54	0.09	10.68	1.03
(2) Baker	97	56	0.09	12.86	3.47
Bottineau	96	49	0.02	10.60	1.01
Rugby	101	53	0.08	10.74	1.07
(3) Cando	94	55	0.82	15.06	6.17
Cavalier	94	53	2.90	18.40	8.77
Forest River	95	55	1.88	15.16	5.75
Grand Forks	91	54	0.23	11.27	2.26
Langdon	91	56	2.03	14.49	4.78
St. Thomas	91	57	3.48	22.49	13.08
(4) Hazen	109	49	0.00	7.86	-1.67
Turtle Lake	103	55	0.00	9.66	0.10
Watford City	107	57	0.04	6.85	-1.60
(5) Carrington	96	55	2.44	11.59	0.88
Harvey	100	53	0.27	11.33	3.60
Jamestown	96	57	1.41	15.36	5.62
Robinson	100	55	0.45	10.93	1.39
Streeter	97	55	0.93	14.13	4.90
(6) Dazey	93	54	1.05	13.64	3.26
Fargo	95	57	0.08	12.98	2.69
Hillsboro	93	54	0.28	12.27	1.79
(7) Beach	103	55	0.00	9.54	1.05
Bowman	106	55	0.00	10.79	1.88
Dickinson	107	58	0.00	6.91	-2.53
Hettinger	104	57	0.00	11.84	2.65
(8) Mandan	103	56	0.01	12.97	3.33
Linton	101	59	0.00	9.93	0.81
(9) Edgeley	94	53	0.68	11.31	1.40
Oakes	94	58	1.02	17.28	7.15
Wyndmere	94	60	0.10	16.50	5.26

^{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.