

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



USDA, NASS
North Dakota
Field Office

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

Released: July 21, 2008
For Week Ending: July 20, 2008
ND-CW2908

General: Rainfall was received in most areas of the state as near normal temperatures prevailed, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. The greatest amounts of precipitation were received in the southern half of the state. Hail was reported in the west central, southwestern and south central districts. As crops progress through critical developmental stages, adequate moisture remains a primary concern for producers. Some producers in western areas cut small grains for hay last week according to reporters. Topsoil moisture supplies were rated 18 percent very short, 36 short, 45 adequate and 1 surplus compared with the five-year (2003-2007) average of 14 percent very short, 24 short, 55 adequate and 7 surplus. Subsoil moisture supplies were rated 19 percent very short, 35 short and 46 adequate compared with 2 percent very short, 22 short, 71 adequate and 5 surplus last year. Statewide, on average, there were 6.2 days suitable for fieldwork last week.

Crops: Small grain conditions declined for the third week in a row. Durum wheat was rated 26 percent good to excellent, compared with 51 percent two weeks earlier. Durum wheat in the joint and boot stages neared completion by week's end. Small grain development in the headed stage neared completion except for Durum wheat. Spring wheat in the milk stage remained behind last year but ahead of the average. All other crop conditions improved last week except for canola, dry edible peas, flaxseed and sunflowers. Corn silking, at 3 percent complete, was approximately two weeks behind the average. Soybeans in the blooming stage advanced 30 percentage points to 61 percent complete, compared with 79 percent complete last year and 67 percent on average. Flaxseed blooming, at 89 percent complete, advanced ahead of last year and the average.

Livestock: Poor hay and pasture conditions in western areas have led some producers to sell off cattle according to reporters. The first cutting of alfalfa was 93 percent complete by week's end, while the second cutting of alfalfa was 4 percent complete. The cutting of other hay was 69 percent complete, compared with 76 percent last year and 70 percent on average. The hay crop condition was rated 15 percent very poor, 32 poor, 36 fair, 16 good and 1 excellent. Pasture and range conditions were rated 12 percent very poor, 26 poor, 33 fair, 28 good and 1 excellent compared with the average when conditions were rated 10 percent very poor, 13 poor, 26 fair, 42 good and 9 excellent. Stockwater supplies were rated 56 percent adequate to surplus, compared with 88 percent last year and 77 percent on average.

Crop and Pasture Condition North Dakota, Week Ending July 20, 2008

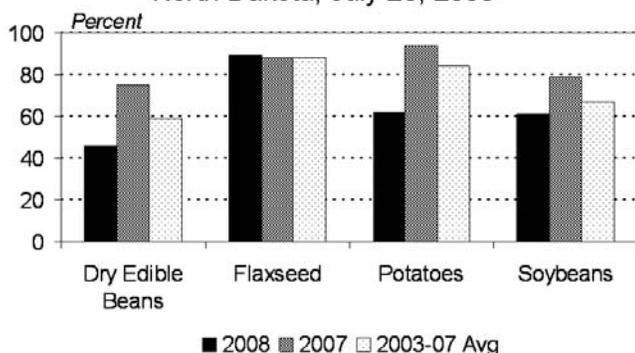
Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Barley	2	8	33	47	10
Durum Wheat	11	18	45	25	1
Spring Wheat	2	7	31	48	12
Oats	3	11	42	42	2
Canola	1	5	38	45	11
Corn	1	4	30	55	10
Dry Edible Beans	0	2	27	57	14
Dry Edible Peas	3	7	43	45	2
Flaxseed	2	7	51	38	2
Potatoes	0	0	14	66	20
Soybeans	0	3	20	67	10
Sugarbeets	1	3	10	67	19
Sunflowers	1	1	35	51	12
Pasture and Range	12	26	33	28	1

Crop Development Progress North Dakota, Week Ending July 20, 2008^{1,2}

Crop	Week Ending			2003-2007 Avg
	July 20, 2008	July 13, 2008	July 20, 2007	
	Percent	Percent	Percent	Percent
Barley				
Headed	99	89	99	94
Milk	80	46	88	75
Turning	37	9	61	43
Durum Wheat				
Jointed	99	94	95	97
Boot	94	86	88	90
Headed	86	72	78	74
Milk	52	36	45	42
Turning	18	6	12	12
Spring Wheat				
Headed	98	87	97	92
Milk	72	39	79	69
Turning	21	7	39	33
Oats				
Headed	97	87	98	94
Milk	77	53	85	73
Turning	29	11	50	39
Canola				
Blooming	97	86	99	98
Turning	18	4	30	23
Swathed	0	NA	1	1
Corn				
Silking	3	2	46	30
Dry Edible Beans				
Blooming	46	13	75	59
Setting Pods	7	2	26	21
Dry Edible Peas				
Mature	45	6	44	NA
Harvested	1	0	1	NA
Flaxseed				
Blooming	89	65	88	88
Turning	6	1	12	11
Potatoes				
Blooming	62	36	94	84
Rows Filled	21	10	45	52
Soybeans				
Blooming	61	31	79	67
Setting Pods	13	3	30	24
Fully Podded	0	NA	2	2
Sunflowers				
Blooming	4	2	10	7

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

Crops: Blooming and Beyond
North Dakota, July 20, 2008



~ Compiled and Published by ~

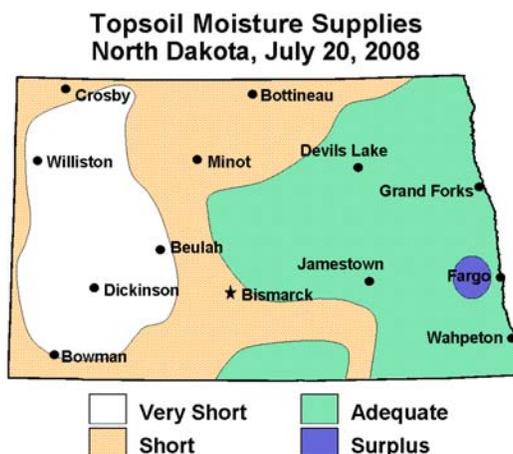
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NORTH DAKOTA CROP WEATHER REPORT, Week Ending July 20, 2008

**Soil Moisture Supplies
 North Dakota, Week Ending July 20, 2008**

Date	Week Ending			2003-2007 Avg
	July 20, 2008	July 13, 2008	July 20, 2007	
	Percent	Percent	Percent	Percent
Topsoil				
Very Short	18	15	4	14
Short	36	34	32	24
Adequate	45	50	61	55
Surplus	1	1	3	7
Subsoil				
Very Short	19	18	2	11
Short	35	32	22	22
Adequate	46	49	71	59
Surplus	0	1	5	8



Weather: This past week, once again, had near normal temperatures statewide with most parts of the state seeing precipitation. Monday started off the week with some scattered thunderstorms moving through the northern half of the state with highs in the 80s to mid-90s. The rest of the week saw daily highs in the 70s to 80s. On Tuesday, scattered thunderstorms moved through most parts of the state. Some of the storms were strong to severe with seven reports of hail occurring in the south central region of the state. Wednesday brought thunderstorms; some storms were severe with a tornado report occurring in the Pembina County. On Thursday, a few isolated showers and thunderstorms moved through the northern half of the state. Friday had scattered thunderstorms move mainly through the western half of the state. On Saturday, scattered showers and thunderstorms moved through most of the state. A few thunderstorms were severe in the southwest part of the state and had 17 reports of hail and one tornado occurring in Dunn County. Sunday brought a few scattered showers and thunderstorms which moved through the southern half of the state.

Outlook, July 21-27: This week looks to once again have near normal temperatures. Monday will start off the week with a possible isolated thunderstorm in the western half of the state with highs in the upper 70s to low 90s. Tuesday will once again see a possible isolated thunderstorm in the western half of the state with highs in the 80s to 90s. Wednesday will see scattered thunderstorms throughout the state with highs down into the 80s. On Thursday, there is a chance of an isolated thunderstorm in the eastern half of the state with highs in the 80s to low 90s. Friday and Saturday look to be dry with highs in the 80s. On Sunday, there is a chance of thunderstorms statewide with highs in the 80s.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending July 20, 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)	66	-1	0.03	6.33	-1.92
N. Central(2)	66	-1	0.09	6.48	-2.32
Northeast(3)	65	-3	0.08	7.15	-1.48
W. Central(4)	70	0	0.45	5.67	-2.98
Central (5)	70	0	0.49	7.82	-0.89
E. Central(6)	72	2	0.64	9.24	-0.37
Southwest(7)	72	2	0.53	6.57	-2.00
S. Central(8)	73	1	0.43	7.40	-1.32
Southeast(9)	71	0	0.58	7.20	-2.56

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending July 20, 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	81	47	0.03	5.98	-2.58
Williston	86	55	0.05	3.80	-3.18
Mohall	81	45	0.00	7.17	-1.29
Minot	84	52	0.02	8.39	-0.63
(2) Baker	83	54	0.16	7.43	-1.21
Bottineau	83	44	0.01	5.68	-3.19
Rugby	85	51	0.11	6.34	-2.56
(3) Cando	83	47	0.08	7.11	-1.10
Cavalier	80	49	0.01	8.16	-0.67
Forest River	82	51	0.03	6.71	-2.06
Grand Forks	87	53	0.36	5.68	-2.60
Langdon	79	51	0.01	7.44	-1.47
St. Thomas	79	50	0.00	7.80	-0.97
(4) Hazen	93	49	0.99	5.79	-3.25
Turtle Lake	89	50	0.05	6.70	-2.25
Watford City	88	55	0.30	4.53	-3.44
(5) Carrington	89	50	0.07	7.73	-2.26
Harvey	87	48	0.40	7.03	-0.14
Jamestown	89	54	0.68	8.51	-0.45
Robinson	90	51	0.27	7.62	-1.29
Streeter	89	53	1.01	8.19	-0.30
(6) Dazey	89	54	0.39	8.11	-1.45
Fargo	91	56	0.39	10.62	1.02
Hillsboro	91	53	1.15	8.99	-0.69
(7) Beach	90	53	0.37	5.22	-2.85
Bowman	92	53	0.64	6.59	-1.90
Dickinson	94	53	0.60	5.20	-3.81
Hettinger	95	52	0.49	9.26	0.55
(8) Mandan	91	54	0.66	8.36	-0.58
Linton	92	55	0.19	6.44	-2.07
(9) Edgeley	92	51	0.49	5.93	-3.41
Oakes	92	53	0.46	6.69	-2.80
Wyndmere	89	53	0.79	8.98	-1.46

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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