

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 2, 2007
For Week Ending: July 1, 2007
ND-CW2707

General: Mostly windy, dry conditions prevailed last week as all crops made excellent development progress, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Weekend thunderstorms brought hail with some reports of damage in the northeastern district. Some humid conditions remained a concern for crops as a potential for leaf disease and insect problems. Producers applied chemicals to prevent crop damage between gusts of wind. Post emergence spraying for the control of broadleaf weeds and wild oats was nearly complete at 94 and 96 percent, respectively. As crops start moving through their critical developmental stages, it will be important to receive adequate moisture. Topsoil moisture supplies were rated 83 percent adequate to surplus, compared with the five-year (2002-2006) average of 71 percent adequate to surplus. Subsoil moisture supplies were rated 1 percent very short, 10 short, 78 adequate and 11 surplus. Statewide, on average, there were 6.3 days suitable for fieldwork.

Crops: Small grain crop development in the boot and headed stages were ahead of average. Small grain crop conditions were rated most good to excellent. Barley, at 71 percent headed, gained 41 percentage points from the previous week. Spring wheat, at 84 percent boot and 55 percent headed was behind last year, but remained ahead of average. Durum wheat boot advanced 30 percentage points during the week to 55 percent complete. Emergence for all other crops was virtually complete by week's end. Canola in the blooming developmental stage made the most progress of all other crops, advancing 35 percentage points during the week to 72 percent complete. Corn silking was under way by week's end, equal to last year and ahead of the average pace. All other crop conditions were rated mostly good to excellent.

Livestock: Warm, dry weather allowed producers to make excellent progress harvesting alfalfa hay during the week. The first cutting of alfalfa, at 69 percent complete, advanced 39 percentage points from last week. Other hay was 34 percent complete by week's end. Both hay crops remained behind last year, but ahead of the average pace. Hay condition improved from the previous week and was rated 2 percent poor, 14 fair, 63 good and 21 excellent. Pasture and range conditions were rated 1 percent very poor, 2 poor, 14 fair, 65 good and 18 excellent, compared with 10 percent very poor, 14 poor, 26 fair, 42 good and 8 excellent on average. Stockwater supplies were rated 94 percent adequate to surplus, compared with 84 percent adequate to surplus on average.

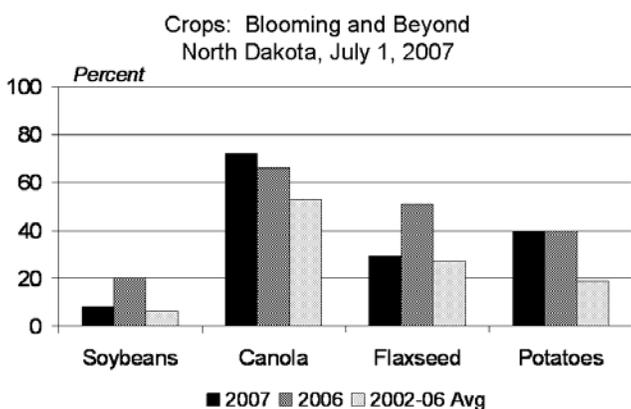
Crop and Pasture Condition North Dakota, Week Ending July 1, 2007

Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Barley	1	1	9	68	21
Durum Wheat	0	0	9	76	15
Spring Wheat	1	2	9	71	17
Oats	0	1	5	72	22
Canola	0	2	13	65	20
Corn	2	3	13	66	16
Dry Edible Beans	2	6	23	59	10
Dry Edible Peas	0	0	8	79	13
Flaxseed	0	0	7	81	12
Potatoes	3	6	17	59	15
Soybeans	2	4	13	65	16
Sugarbeets	1	5	19	59	16
Sunflower	1	2	11	70	16
Hay	0	2	14	63	21
Pasture and Range	1	2	14	65	18

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

Crop	Week Ending			2002-2006 Avg
	July 1, 2007	June 24, 2007	July 1, 2006	
	Percent	Percent	Percent	Percent
BARLEY				
Jointed	98	88	98	90
Boot	89	63	89	67
Headed	71	30	63	41
Milk	15	NA	20	9
Turning	1	NA	3	1
DURUM WHEAT				
Jointed	77	54	85	71
Boot	55	25	61	40
Headed	26	7	31	19
Milk	2	NA	5	2
Turning	0	NA	1	0
SPRING WHEAT				
Jointed	97	87	97	89
Boot	84	57	87	68
Headed	55	27	67	44
Milk	9	NA	22	11
Turning	1	NA	1	0
OATS				
Jointed	96	87	95	88
Boot	83	56	81	64
Headed	57	19	57	38
Milk	16	NA	24	11
Turning	3	NA	5	1
CANOLA				
Rosette	99	91	98	89
Blooming	72	37	66	53
CORN				
Silking	2	0	2	1
DRY EDIBLE BEANS				
Emerged	98	94	100	99
Blooming	17	3	19	7
Setting Pods	1	NA	3	1
DRY EDIBLE PEAS				
Flowering	89	60	80	NA
FLAXSEED				
Blooming	29	10	51	27
POTATOES				
Emerged	98	95	100	98
Blooming	40	13	40	19
Rows Filled	5	NA	17	7
SOYBEANS				
Blooming	8	2	20	6
SUNFLOWERS				
Emerged	98	90	100	97
Blooming	0	NA	2	0

^{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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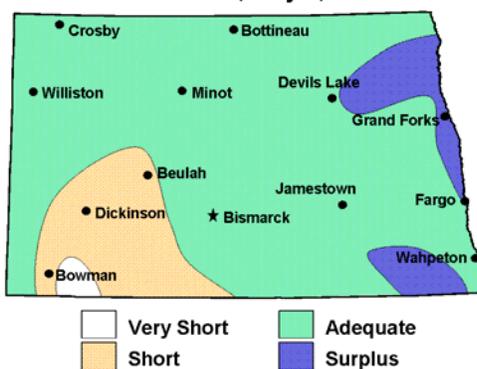
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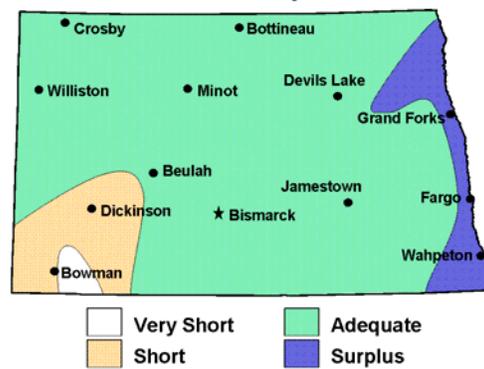
**Soil Moisture Supplies
 North Dakota, July 1, 2007**

Date	Week Ending			2002-2006 Avg
	July 1, 2007	June 24, 2007	July 1, 2006	
	Percent	Percent	Percent	Percent
Topsoil				
Very Short	1	0	21	11
Short	16	4	39	18
Adequate	73	75	39	59
Surplus	10	21	1	12
Subsoil				
Very Short	1	1	17	10
Short	10	6	29	17
Adequate	78	74	53	60
Surplus	11	19	1	13

**Topsoil Moisture Supplies
 North Dakota, July 1, 2007**



**Subsoil Moisture Supplies
 North Dakota, July 1, 2007**



Weather: This week saw normal temperatures and some parts of the state received significant moisture while other parts received none. On Monday, strong thunderstorms moved primarily through the northern and western part of the state. There were also several hail and wind reports with Monday's storms, the reports occurred in the north central, northeast and southeastern parts of the state. The rest of the work week was dry and calm as highs fell into the 70s on Tuesday, 60s on Wednesday and warmed back up to the 70s by Thursday. Friday warmed into the 80s as a few scattered thunderstorms moved through the eastern and northern parts of the state. On Saturday, a few scattered storms brought moisture in the northwestern parts of the state. Sunday highs continued to stay in the 80s with most of the moisture falling in the south central part of the state where stronger storms occurred. With Sunday's storms four hail reports and one wind report occurred in the south central part of the state.

Outlook, July 2-8: Monday brings a few scattered storms to the eastern part of the state as highs stay in the 80s. Tuesday brings the greatest chance of precipitation as a system moves through the entire state. There is a slight chance that Tuesday's storms could produce hail and strong winds. Wednesday will be much calmer as lingering storms move through the eastern part of the state. The rest of the work week will be calm and dry as highs climb up into mid-80s to lower 90s across the state. On Saturday, there is a slight chance of precipitation. Sunday brings another chance of precipitation to the state in the form of scattered storms as highs fall back into the 80s.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending July 1, 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	77	49	1.15	8.63	2.07
Williston	88	44	0.85	7.69	2.26
Mohall	79	47	1.28	8.63	2.08
Minot	84	50	0.28	9.57	2.38
(2) Baker	81	50	0.15	10.93	4.42
Bottineau	81	46	3.00	9.69	2.85
Rugby	84	49	0.15	9.13	2.38
(3) Cando	82	49	0.59	11.62	5.28
Cavalier	80	43	1.94	12.14	5.51
Forest River	81	46	0.54	10.86	3.96
Grand Forks	91	48	0.03	9.53	3.11
Langdon	78	48	1.23	10.02	3.18
St. Thomas	80	50	2.53	15.39	8.49
(4) Hazen	88	37	0.02	7.08	-0.32
Turtle Lake	84	47	0.05	8.98	1.84
Watford City	88	43	0.28	6.15	-0.34
(5) Carrington	90	50	0.03	8.28	0.38
Harvey	87	50	0.07	10.27	4.59
Jamestown	90	51	0.22	13.06	6.25
Robinson	87	50	0.09	9.36	2.38
Streeter	89	46	1.44	12.58	6.15
(6) Dazey	88	52	0.03	11.03	3.67
Fargo	93	55	0.00	11.83	4.15
Hillsboro	92	50	0.00	10.55	2.98
(7) Beach	90	45	0.06	7.65	0.91
Bowman	92	45	0.00	9.61	2.54
Dickinson	90	44	0.00	6.00	-1.53
Hettinger	92	42	0.00	9.80	2.57
(8) Mandan	87	41	0.55	12.22	5.22
Linton	92	43	0.49	9.43	2.64
(9) Edgeley	94	48	0.37	9.84	1.86
Oakes	92	50	0.40	15.09	7.47
Wynndmere	92	54	0.14	14.74	6.53

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending July 1, 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)	64	-1	0.89	8.63	2.20
N. Central(2)	65	0	1.10	9.92	3.22
Northeast(3)	64	-2	1.14	11.59	4.92
W. Central(4)	64	-2	0.12	7.40	0.39
Central(5)	69	1	0.37	10.71	3.95
E. Central(6)	71	3	0.01	11.14	3.60
Southwest(7)	67	0	0.01	8.26	1.12
S. Central(8)	65	-2	0.52	10.82	3.93
Southeast(9)	71	3	0.30	13.22	5.29

^{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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