

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



USDA, NASS
North Dakota
Field Office

Released: July 18, 2005
For Week Ending: July 17, 2005
ND-CW2905

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

General: A week of above normal temperatures and mostly dry conditions pushed crop development, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. The hot, dry weather has depleted soil moisture supplies as late season crops were in need of moisture in some areas. Northeastern counties continued to have standing water in fields, which slowed haying progress and disease continues to be a concern in many crops. Statewide, on average, there were 6.2 days suitable for fieldwork. Warm and windy conditions last week continued to dry topsoil moisture supplies, rated 1 percent very short, 10 short, 73 adequate and 16 surplus compared to the five-year (2000-2004) average of 7 percent very short, 16 short, 68 adequate and 9 surplus.

Crops: Small grains developed ahead of average due to the hot and dry conditions. Hard red spring wheat was 58 percent milk and beyond compared with 49 percent on average, while durum wheat was 32 percent milk, ahead of average. Barley was 65 percent milk compared with 54 percent on average. Oat crop conditions improved from the previous week's level, while barley, durum wheat and hard red spring wheat slightly deteriorated. All small grains were rated at least 80 percent good to excellent. As of July 17, 91 percent of oats were rated in good to excellent condition compared to 51 percent last year.

Above average temperatures continued to push progress in other crop development. Dry edible beans, potatoes and soybeans made the most progress. Potatoes had 37 percent of the rows filled compared to 51 percent on average. Forty-two percent of dry edible beans were in the blooming stage compared to 39 percent on average. Soybeans were 47 percent bloomed. Sugarbeets and sunflower conditions improved, while all other crop conditions deteriorated.

Livestock: Haying advanced due to hot and dry weather, although northeastern districts reported some haylands were oversaturated with standing water. The first cutting of alfalfa was 79 percent complete, 11 percentage points behind average, while other hay was 51 percent complete, 6 percentage points behind average. The hay crop condition was rated 1 percent very poor, 3 poor, 19 fair, 58 good and 19 excellent, better when compared to a year ago of 18 percent very poor, 15 poor, 32 fair, 31 good and 5 excellent. Range and pasture conditions slightly deteriorated and were rated 3 percent poor, 22 fair, 56 good and 19 excellent. Stockwater supply was rated 5 percent short, 87 adequate and 8 surplus.

Crop Development Progress ^{1/} July 17, 2005 with Comparisons

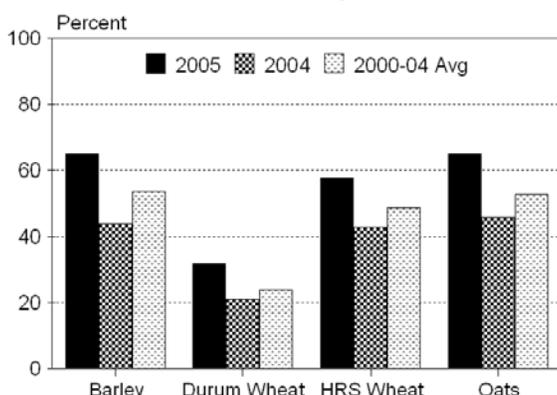
Crop	Week Ending			2000-2004 Avg.
	July 17, 2005	July 10, 2005	July 17, 2004	
(Percent)				
BARLEY				
Boot	97	94	94	96
Headed	91	79	83	85
Milk	65	39	44	54
Turning	27	5	11	18
DURUM WHEAT				
Jointed	98	94	91	95
Boot	89	75	78	81
Headed	71	52	54	61
Milk	32	13	21	24
Turning	4	0	3	4
HRS WHEAT				
Headed	91	81	80	84
Milk	58	34	43	49
Turning	19	4	9	14
OATS				
Boot	98	88	95	95
Headed	92	74	82	85
Milk	65	35	46	53
Turning	20	3	11	16
CANOLA				
Turning	13	3	4	10
CORN				
Silking	8	3	1	16
DRY EDIBLE BEANS				
Blooming	42	21	13	39
Podding	15	1	0	7
DRY EDIBLE PEAS				
Flowering	98	91	NA	NA
Mature	11	NA	NA	NA
FLAXSEED				
Blooming	90	82	64	73
Turning	5	2	1	3
POTATOES				
Blooming	63	53	70	70
Rows Filled	37	11	25	51
SOYBEANS				
Blooming	47	30	28	45
Podding	8	1	1	9
SUNFLOWER				
Blooming	2	1	0	1

^{1/} Crop development percents represent all acreage in or beyond each stage.
NA = Not Available

Crop and Pasture Condition Week Ending July 17, 2005

Crop	Very Poor	Poor	Fair	Good	Excellent
Barley	0	1	18	65	16
Durum Wheat	0	1	9	63	27
HRS Wheat	0	3	17	62	18
Oats	0	1	8	71	20
Canola	0	1	17	61	21
Corn	1	6	21	55	17
Dry Edible Beans	3	15	33	42	7
Dry Edible Peas	0	0	15	71	14
Flaxseed	0	1	17	66	16
Potatoes	3	21	33	37	6
Soybeans	1	5	25	54	15
Sugarbeets	2	9	28	52	9
Sunflower	1	2	15	65	17
Hay	1	3	19	58	19
Pasture and Range	0	3	22	56	19

Small Grains: Milk and Beyond
North Dakota, July 17, 2005



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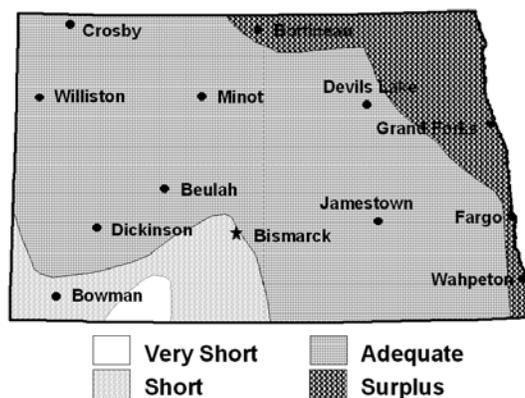
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NORTH DAKOTA CROP WEATHER REPORT, Week Ending July 17, 2005

Soil Moisture: North Dakota

Date	Week Ending			2000-2004 Avg.
	July 17, 2005	July 10, 2005	July 17, 2004	
(Percent)				
TOPSOIL				
Very Short	1	0	9	7
Short	10	3	12	16
Adequate	73	74	68	68
Surplus	16	23	11	9
SUBSOIL				
Very Short	2	1	13	8
Short	6	6	16	16
Adequate	76	68	58	66
Surplus	16	25	13	10

Topsoil Moisture Supplies
 July 17, 2005



Weather: The state saw only sporadic thunderstorm activity and continued very warm temperatures. Scattered showers and thunderstorms were found in the eastern areas to start the week off. Temperatures were mild, with highs mostly in the 80s. A return to heat and humidity occurred by midweek, with highs ranging from the upper 80s east to the upper 90s in the western areas. Temperatures remained warm through the end of the workweek, with highs in the 80s across the state with abundant sunshine. Strong southerly winds brought very warm and humid conditions to the state on Saturday. Scattered showers and thunderstorms erupted across the state late on Saturday and into Sunday as a fairly potent cold front moved through the region.

Outlook, July 18-24: Fairly tranquil weather will greet the state as we move towards the end of July. High pressure will dominate the state to start the work week, bringing low humidity and temperatures. Temperatures will warm significantly on Tuesday as warm air works back into the region. Highs will range from the mid-80s northeast to the mid-90s in the central and west. There will be a chance of thunderstorms in the eastern third of the state late on Tuesday. High pressure builds into the region again for midweek and into the end of the work week. Highs will be in the 80s through the period, under mostly sunny skies. The weekend looks to be fairly nice, with highs in the 80s and lows in the upper 50s to low 60s. There will be a chance of thunderstorms late on Friday and on Saturday.

Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending July 17, 2005

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1 ^{1/}		
	High	Low	Past Week	Total	Depart Normal ^{2/}
	(Degrees F)		(Inches)		
(1) Bowbells	88	56	1.01	9.90	1.72
Williston	95	58	0.75	8.48	1.78
Mohall	87	55	0.63	9.08	0.98
Minot	87	56	0.50	15.28	6.58
(2) Baker	84	58	0.31	14.46	6.22
Bottineau	86	54	0.50	17.16	8.68
Rugby	85	53	0.96	13.11	4.61
(3) Cando	85	57	0.66	12.28	4.43
Cavalier	88	57	0.47	14.41	6.02
Forest River	87	57	0.53	11.44	3.03
Grand Forks	89	58	0.00	10.67	2.75
Langdon	85	54	0.10	11.92	3.41
St. Thomas	88	58	0.20	11.87	3.46
(4) Hazen	89	51	0.35	13.56	4.80
Turtle Lake	88	55	0.27	10.32	1.69
Watford City	93	58	1.52	11.06	3.35
(5) Carrington	86	54	0.14	9.91	0.30
Harvey	86	53	0.09	12.73	5.84
Jamestown	89	56	0.02	13.82	5.26
Robinson	89	57	0.00	10.04	1.49
Streeter	91	55	0.02	9.17	1.08
(6) Dazey	87	57	0.20	13.15	4.03
Fargo	93	61	0.00	10.67	1.43
Hillsboro	90	57	1.43	11.89	2.61
(7) Beach	94	55	0.07	12.00	4.17
Bowman	101	52	0.00	7.83	-0.42
Dickinson	95	53	0.07	12.20	3.43
Hettinger	102	48	0.09	7.85	-0.60
(8) Mandan	93	55	0.02	10.71	2.13
Linton	101	55	0.05	9.37	1.18
(9) Edgeley	93	58	0.00	14.02	4.92
Oakes	94	61	0.00	14.62	5.47
Wyndmere	96	61	0.00	14.13	4.13

Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending July 17, 2005

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1 ^{1/}		
	Past Week	Depart Normal ^{2/}	Past Week	Total	Depart Normal ^{2/}
	(Degrees F)		(Inches)		
Northwest (1)	72	4	0.72	10.68	2.77
N. Central (2)	70	2	0.59	14.91	6.50
Northeast (3)	71	3	0.33	12.10	3.85
W. Central (4)	72	2	0.71	11.65	3.28
Central (5)	71	1	0.05	11.13	2.79
E. Central (6)	74	4	0.54	11.90	2.69
Southwest (7)	75	6	0.06	9.97	1.65
S. Central (8)	76	6	0.04	10.04	1.66
Southeast (9)	77	6	0.00	14.26	4.84

^{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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