

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: August 2, 2010
For Week Ending: August 1, 2010
ND-CW3110

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

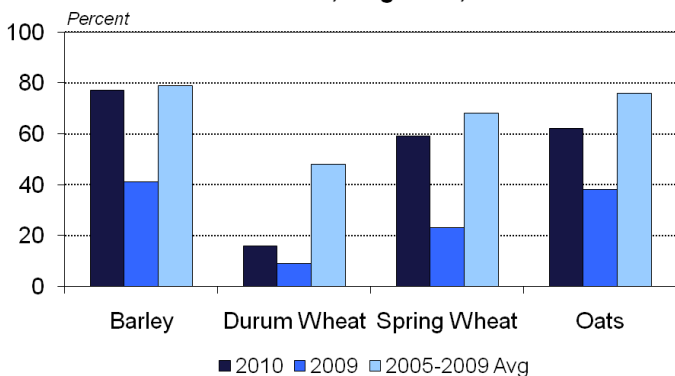
General: Harvesting began for some crops, but was limited due to wet conditions, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Reporters indicated that warm, dry weather is needed for harvesting activities to become more general. Topsoil moisture supplies were rated 15 percent short, 77 adequate and 8 surplus compared with the five-year (2005-2009) average of 18 percent very short, 29 short, 50 adequate and 3 surplus. Statewide, on average, there were 5.2 days suitable for fieldwork.

Crops: Small grain development made good progress, but remained behind average. Spring wheat was 59 percent turning, ahead of 23 last year, but behind 68 average. Spring wheat was only 1 percent harvested compared with none last year and 10 average. Durum wheat was 16 percent turning, over a week behind the average of 48 percent. Barley advanced 28 percentage points to 77 percent turning, while 2 percent was harvested compared with none last year and 16 average. Oats were 62 percent turning compared with 38 last year and 76 average. Oats were 4 percent harvested, behind 17 average. Spring wheat crop condition ratings remained good to excellent, while barley conditions improved from last week and were mostly good to excellent. Oats remained fair to good, while Durum wheat conditions shifted from mostly good to excellent last week to mainly fair to good.

Corn was 86 percent silking, ahead of 70 average. About 65 percent of dry edible beans were setting pods, ahead of 56 average. Dry edible peas advanced 41 percentage points to 67 percent mature, behind 78 average. Three percent of dry edible peas were harvested, almost 2 weeks behind average. Flaxseed was 9 percent turning, well behind 41 on average. Ninety percent of potato rows were filled compared with 77 last year and 73 average. Soybeans progressed 29 percentage points to 69 percent setting pods. Sunflower was 22 percent blooming compared with 7 last year and 39 average. Crop condition ratings for canola, corn, dry edible beans, potatoes and soybeans remained generally good to excellent, while conditions for dry edible peas, flaxseed and sunflower remained mostly fair to good.

Livestock: The second cutting of alfalfa was 38 percent complete. The cutting of other hay was 80 percent complete compared with 82 last year and 85 average. The hay crop condition was rated 1 percent very poor, 2 poor, 10 fair, 69 good and 18 excellent compared with the average rating of 12 percent very poor, 15 poor, 24 fair, 41 good and 8 excellent. Pasture and range conditions were rated 2 percent poor, 27 fair, 58 good and 13 excellent. Stockwater supplies were rated 2 percent short, 92 adequate and 6 surplus compared with the average rating of 11 percent very short, 17 short, 67 adequate and 5 surplus.

**Small Grains: Turning and Beyond
North Dakota, August 1, 2010**



**Crop and Pasture Condition
North Dakota, Week Ending August 1, 2010**

Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Barley	1	5	11	70	13
Durum Wheat	0	1	10	87	2
Spring Wheat	1	2	13	70	14
Oats	1	1	20	71	7
Canola	0	3	15	62	20
Corn	2	2	11	69	16
Dry Edible Beans	4	6	16	49	25
Dry Edible Peas	0	3	15	78	4
Flaxseed	0	2	15	78	5
Potatoes	4	5	10	54	27
Soybeans	2	2	10	68	18
Sugarbeets	2	3	14	52	29
Sunflower	1	5	14	74	6
Pasture and Range	0	2	27	58	13

**Crop Development Progress
North Dakota, Week Ending August 1, 2010^{1 2}**

Crop	Week Ending			2005-2009 Avg
	Aug 1, 2010	July 25, 2010	Aug 1, 2009	
	Percent	Percent	Percent	Percent
Barley				
Headed	99	94	100	100
Milk	93	79	88	96
Turning	77	49	41	79
Harvested	2	0	0	16
Durum Wheat				
Boot	98	93	99	100
Headed	94	85	94	97
Milk	69	38	64	80
Turning	16	3	9	48
Harvested	0	NA	0	4
Spring Wheat				
Milk	94	81	73	92
Turning	59	38	23	68
Harvested	1	0	0	10
Oats				
Milk	95	76	88	96
Turning	62	32	38	76
Harvested	4	1	0	17
Canola				
Turning	54	27	18	54
Swathed	3	0	0	13
Corn, All				
Silking	86	66	26	70
Dough	5	1	0	9
Dry Edible Beans				
Blooming	97	86	74	86
Setting Pods	65	31	23	56
Fully Podded	3	NA	0	8
Dry Edible Peas				
Mature	67	26	39	78
Harvested	3	0	0	24
Flaxseed				
Blooming	95	88	92	98
Turning	9	4	6	41
Potatoes				
Rows Filled	90	77	53	73
Vines Killed	0	NA	0	1
Soybeans				
Blooming	96	90	76	91
Setting Pods	69	40	27	63
Fully Podded	5	1	0	12
Sunflower				
Blooming	22	5	7	39

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

OFFICIAL BUSINESS
 Penalty for Private Use, \$300

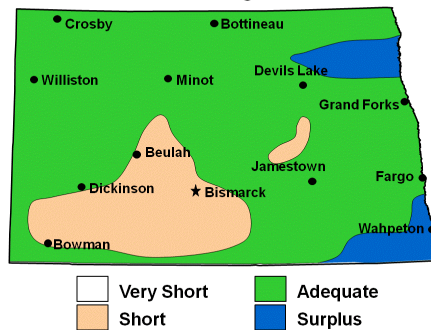
ADDRESS SERVICE REQUESTED

NORTH DAKOTA CROP WEATHER REPORT, Week Ending August 1, 2010

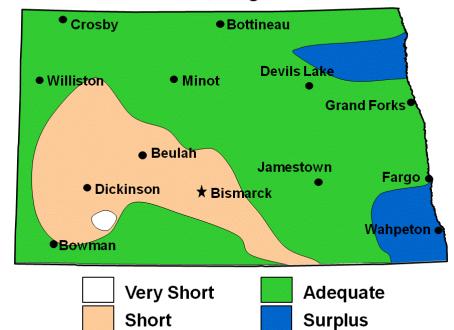
**Soil Moisture Supplies
 North Dakota, Week Ending August 1, 2010**

Date	Week Ending			2005-2009 Avg
	Aug 1, 2010	July 25, 2010	Aug 1, 2009	
	Percent	Percent	Percent	Percent
Topsoil				
Very Short	0	1	2	18
Short	15	19	27	29
Adequate	77	72	68	50
Surplus	8	8	3	3
Subsoil				
Very Short	1	1	0	14
Short	12	13	17	27
Adequate	79	76	76	55
Surplus	8	10	7	4

**Topsoil Moisture Supplies
 North Dakota, August 1, 2010**



**Subsoil Moisture Supplies
 North Dakota, August 1, 2010**



Weather: Temperatures were near normal in the south central and southeast this past week and above normal elsewhere across the state. Precipitation was below normal in parts of the north central, southwest, and southeast and above normal elsewhere. Highs on Monday were in the mid-90s with showers and thunderstorms across much of the state. There were severe thunderstorms with large hail, damaging winds, and tornados across the northern two-thirds of the state on Monday. Tornados were reported in Slope, Burke, and Benson counties. There were severe thunderstorms with large hail and damaging winds in the southeast on Tuesday. Tornados were reported in Barnes and Cass counties. Highs on Thursday were in the upper 70s to low 90s with showers and thunderstorms across much of the state. Severe thunderstorms with large hail and damaging winds were reported in the west on Thursday. Highs on Saturday were in the 80s to low 90s with showers and thunderstorms across much of the state. There were showers and thunderstorms in the central, west, far southeast and parts of the northeast on Sunday with highs in the 80s. Severe thunderstorms with large hail and damaging winds were reported in the western and northern areas of the state on Sunday. Tornados were reported in Rolette County.

Outlook, August 2-8: Temperatures will be near to above normal this upcoming week. Precipitation will be near to below normal across much of the state. The best chance for widespread measurable precipitation will occur late in the week. Highs on Monday will be in the 80s to low 90s with a chance for showers and thunderstorms across the state. There will be a chance for showers and thunderstorms in the southwest on Tuesday. Highs on Wednesday will be in the 80s with a chance of showers and thunderstorms in the southern areas of the state. Thursday will be dry with highs in the low to mid-80s. Highs on Saturday will be in the 80s with a chance of thunderstorms across the state.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending August 1, 2010**

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	89	51	0.86	11.07	1.57
Williston	94	55	2.32	10.48	2.79
Mohall	89	52	0.97	10.68	1.29
Minot	91	54	0.37	11.80	1.94
(2) Baker	91	54	1.52	11.59	1.94
Bottineau	92	47	0.10	11.84	1.98
Rugby	90	51	1.56	11.67	1.73
(3) Cando	90	54	0.97	9.17	0.04
Cavalier	93	52	1.33	12.98	3.05
Forest River	90	54	1.70	12.99	3.34
Grand Forks	90	52	0.66	11.15	1.85
Langdon	87	54	2.17	13.02	3.01
St. Thomas	90	54	0.92	12.97	3.32
(4) Hazen	94	52	0.83	10.92	1.22
Turtle Lake	93	54	1.89	9.54	-0.23
Watford City	94	56	1.61	10.32	1.69
(5) Carrington	91	54	0.48	7.98	-3.00
Harvey	95	52	0.64	7.43	-0.52
Jamestown	88	56	1.58	14.54	4.53
Robinson	94	54	1.07	6.52	-3.23
Streeter	88	52	1.14	13.40	3.90
(6) Dazey	86	55	2.01	13.12	2.44
Fargo	89	56	1.71	11.49	0.95
Hillsboro	88	53	0.88	8.38	-2.40
(7) Beach	93	58	0.00	11.80	3.16
Bowman	93	55	0.22	9.94	0.89
Dickinson	94	58	1.00	10.25	0.66
Hettinger	92	54	0.04	10.96	1.61
(8) Mandan	93	55	1.83	11.20	1.32
Linton	90	54	0.65	10.06	0.73
(9) Edgeley	90	54	0.10	10.29	0.14
Oakes	87	55	0.36	12.42	2.08
Wyndmere	89	57	0.55	12.38	0.84

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending August 1, 2010**

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)	71	2	1.13	11.01	1.90
N. Central(2)	70	2	1.06	11.70	1.88
Northeast(3)	71	1	1.29	12.05	2.43
W. Central(4)	73	2	1.44	10.26	0.89
Central (5)	72	1	0.98	9.97	0.34
E. Central(6)	71	0	1.53	11.00	0.33
Southwest(7)	74	3	0.32	10.74	1.58
S. Central(8)	73	1	1.24	10.63	1.03
Southeast(9)	72	0	0.34	11.70	1.02

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.

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.