

# NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: June 21, 2010  
For Week Ending: June 20, 2010  
ND-CW2510

Cooperating With:  
NDSU EXTENSION SERVICE,  
FARM SERVICE AGENCY,  
ND AG WEATHER NETWORK (NDAWN)  
and  
UND AEROSPACE REGIONAL WEATHER  
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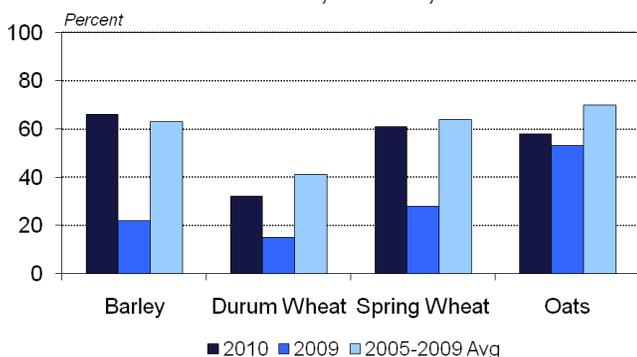
**General:** Wet conditions persisted throughout the state continuing to slow fieldwork, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Reporters indicated that high winds and significant rainfall made spraying and haying difficult. Emergence spraying for control of broadleaf weeds was 64 percent complete, and spraying for wild oats was 71 percent complete. Topsoil moisture supplies were rated 2 percent short, 74 adequate and 24 surplus. The five-year (2005-2009) average topsoil moisture rating was 3 percent very short, 12 short, 71 adequate and 14 surplus. Statewide, on average, there were 4.1 days suitable for fieldwork.

**Crops:** Reporters commented that small grains were showing signs of disease in some counties. Warm, sunny weather was reported as needed. Small grains were mostly behind average in development. At 32 percent jointed, Durum wheat was behind 41 average. At 66 percent jointed, barley was ahead of 63 percent average. Oats were 58 percent jointed, behind 70 percent average. Spring wheat was 23 percent booted compared with 30 average. Durum wheat was 2 percent booted, behind 13 average. Oats were 18 percent booted, behind 34 average. Barley was 2 percent headed compared with the average of 10 percent.

Canola was 71 percent rosette, almost a week ahead of average. Dry edible beans were 90 percent emerged compared with 85 average. Flaxseed progressed 14 percentage points to 94 percent emerged. Potatoes emerged remained ahead of average at 94 percent. Soybeans advanced 14 percentage points to 90 percent emerged. Sunflower was 65 percent emerged compared with the average of 79 percent. Dry edible peas were 17 percent flowering, behind 24 average.

**Livestock:** Pasture and range conditions were rated 1 percent poor, 16 fair, 68 good and 15 excellent. The first cutting of alfalfa was 16 percent complete, and the cutting of other hay was 6 percent complete. Hay conditions were rated 1 percent poor, 9 fair, 74 good, and 16 excellent. Stockwater supplies were rated 1 percent short, 89 adequate and 10 surplus.

**Small Grains: Jointed and Beyond  
North Dakota, June 20, 2010**



**Crop and Pasture Condition  
North Dakota, Week Ending June 20, 2010**

Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Barley	0	0	14	74	12
Durum Wheat	0	0	16	81	3
Spring Wheat	0	1	14	71	14
Oats	0	1	14	79	6
Canola	0	1	13	71	15
Corn	0	2	10	75	13
Dry Edible Beans	2	6	19	55	18
Dry Edible Peas	0	1	16	78	5
Flaxseed	0	2	20	74	4
Potatoes	3	5	19	55	18
Soybeans	1	3	10	71	15
Sugarbeets	3	6	15	52	24
Sunflower	0	1	20	74	5
Pasture and Range	0	1	16	68	15

**Planting: Percent Completed by District  
North Dakota, Week Ending June 20, 2010**

Crop	NW	NC	NE	WC	C	EC	SW	SC	SE
	--- Percent ---								
Sunflower	93	88	84	95	96	100	93	95	94

**Crop Development Progress  
North Dakota, Week Ending June 20, 2010<sup>1 2</sup>**

Crop	Week Ending			2005-2009 Avg
	June 20, 2010	June 13, 2010	June 20, 2009	
	Percent	Percent	Percent	Percent
<b>Barley</b>				
Jointed	66	40	22	63
Boot	27	3	2	29
Headed	2	0	0	10
<b>Durum Wheat</b>				
Emerg	97	85	97	99
Jointed	32	13	15	41
Boot	2	1	3	13
Headed	0	NA	0	3
<b>Spring Wheat</b>				
Jointed	61	39	28	64
Boot	23	6	3	30
Headed	6	1	0	10
<b>Oats</b>				
Jointed	58	32	53	70
Boot	18	1	7	34
<b>Canola</b>				
Rosette	71	37	20	54
Blooming	9	1	1	12
<b>Corn, All</b>				
Emerg	99	94	97	99
<b>Dry Edible Beans</b>				
Emerg	90	68	63	85
Blooming	0	NA	0	1
<b>Dry Edible Peas</b>				
Flowering	17	7	8	24
<b>Flaxseed</b>				
Emerg	94	80	85	95
Blooming	1	0	1	4
<b>Potatoes</b>				
Emerg	94	85	58	83
Blooming	2	0	0	5
<b>Soybeans</b>				
Emerg	90	76	84	92
<b>Sunflower</b>				
Planted	92	85	94	97
Emerg	65	46	60	79

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

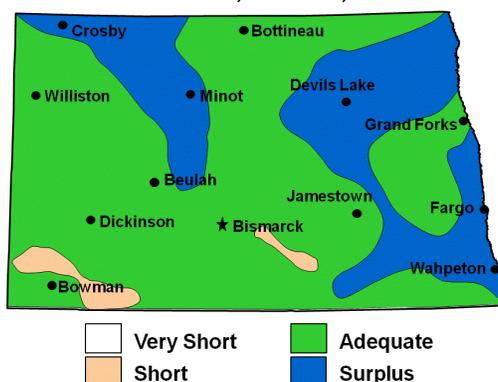
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**Soil Moisture Supplies  
 North Dakota, Week Ending June 20, 2010**

Date	Week Ending			2005-2009 Avg
	June 20, 2010	June 13, 2010	June 20, 2009	
	Percent	Percent	Percent	Percent
<b>Topsoil</b>				
Very Short	0	0	0	3
Short	2	2	10	12
Adequate	74	78	73	71
Surplus	24	20	17	14
<b>Subsoil</b>				
Very Short	0	0	1	5
Short	2	2	8	15
Adequate	78	79	71	66
Surplus	20	19	20	14

**Topsoil Moisture Supplies  
 North Dakota, June 20, 2010**



**Weather:** Temperatures were near normal in the eastern half of the state and below normal in the west. Precipitation was below normal in parts of the east and south central and above normal elsewhere. Highs on Monday were in the mid-60s to mid-70s with a few showers and thunderstorms in the north central and northeast. Highs on Wednesday were in the upper 70s to mid-80s with showers and thunderstorms statewide. There were showers and thunderstorms across the state on Thursday with highs in the upper 60s to mid-80s. There were severe thunderstorms with large hail, damaging winds, and heavy rain statewide. Tornadoes were reported in Burke, Logan, Stutsman, Steele, Wells, Rolette, Traill, Grand Forks and Barnes Counties on Thursday. Highs on Friday were in the 60s to mid-70s with showers in the northern half of the state. Highs on Sunday were in the mid-70s to mid-80s with showers and thunderstorms in the north central and west.

**Outlook, June 21-27:** Temperatures will be near normal across the state this week. Precipitation will be near to above normal in most areas. The best chance for significant precipitation will occur early and late in the week. Highs on Monday will be in the mid-70s to mid-80s with a chance of showers and thunderstorms statewide. There will be a chance of showers and thunderstorms across the state on Tuesday with highs in the mid-70s to low 80s. The chance of showers and thunderstorms will continue across the state on Wednesday with highs in the mid-70s to low 80s. Highs on Thursday will be in the upper 70s to mid-80s with a chance of showers and thunderstorms in the east. There will be a chance of showers and thunderstorms across the state on Friday and Saturday with highs in the mid-70s to mid-80s.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending June 20, 2010**

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1 <sup>1</sup>		
	High	Low	Past Week	Total	Depart Normal <sup>2</sup>
	(Degrees F)	(Degrees F)	(Inches)	(Inches)	(Inches)
(1) Bowbells	80	47	2.66	8.06	2.51
Williston	81	48	0.82	7.16	2.53
Mohall	79	45	2.71	8.27	2.74
Minot	81	49	3.31	8.95	2.81
(2) Baker	80	52	1.79	8.00	2.58
Bottineau	80	46	3.08	9.44	3.71
Rugby	82	46	1.97	7.41	1.76
(3) Cando	79	47	1.11	5.86	0.53
Cavalier	83	45	2.37	8.60	3.07
Forest River	82	50	0.84	7.82	2.01
Grand Forks	80	46	0.96	8.25	2.83
Langdon	77	51	1.61	8.47	2.75
St. Thomas	80	48	1.35	8.78	2.97
(4) Hazen	82	41	1.44	5.72	-0.61
Turtle Lake	81	48	1.19	5.60	-0.44
Watford City	83	46	1.67	6.54	0.98
(5) Carrington	80	45	1.63	5.17	-1.46
Harvey	81	45	0.68	4.96	0.18
Jamestown	80	48	0.11	6.65	0.94
Robinson	80	48	0.61	4.02	-1.87
Streeter	78	47	0.69	6.04	0.71
(6) Dazey	80	48	0.24	7.76	1.52
Fargo	86	49	1.29	6.61	0.08
Hillsboro	83	51	0.90	5.33	-1.04
(7) Beach	83	42	4.82	9.39	3.47
Bowman	82	40	2.67	7.53	1.41
Dickinson	85	43	1.85	6.11	-0.37
Hettinger	84	42	2.02	7.01	0.72
(8) Mandan	82	47	0.79	5.77	-0.23
Linton	80	47	0.60	6.12	0.33
(9) Edgeley	81	52	0.83	8.18	1.16
Oakes	84	54	1.20	7.90	1.38
Wyndmere	85	54	0.99	7.98	0.97

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending June 20, 2010**

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1 <sup>1</sup>		
	Past Week	Depart Normal <sup>2</sup>	Past Week	Total	Depart Normal <sup>2</sup>
	(Degrees F)	(Degrees F)	(Inches)	(Inches)	(Inches)
Northwest(1)	63	0	2.37	8.11	2.65
N. Central(2)	64	0	2.28	8.28	2.68
Northeast (3)	64	-1	1.37	7.96	2.36
W. Central(4)	63	-1	1.43	5.95	-0.02
Central (5)	63	-2	0.74	5.37	-0.30
E. Central(6)	66	0	0.81	6.57	0.19
Southwest(7)	62	-1	2.84	7.51	1.31
S. Central(8)	64	-1	0.70	5.95	0.05
Southeast(9)	68	2	1.01	8.02	1.17

<sup>1</sup> Precipitation amounts may vary due to an inaccurate snowfall melt. <sup>2</sup> 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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