

# NORTH DAKOTA CROP, LIVESTOCK, & WEATHER REPORT



Released: July 18, 2011  
For Week Ending: July 17, 2011  
ND-CW2911

Cooperating With:  
NDSU EXTENSION SERVICE,  
FARM SERVICE AGENCY,  
ND AG WEATHER NETWORK (NDAWN)  
and  
UND AEROSPACE REGIONAL WEATHER  
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**General:** Above normal temperatures across the state continued to aid crop development, according to the National Agricultural Statistics Service, North Dakota Field Office. Topsoil moisture supplies were rated 4 percent short, 61 adequate, and 35 surplus while subsoil moisture supplies were rated 1 percent short, 58 adequate, and 41 surplus. Statewide, on average, there were 5.4 days suitable for fieldwork.

**Crops:** Crop conditions continue to be rated mostly in the good to excellent range, despite the late start due to adverse weather conditions during planting. As of July 17, barley was 97 percent jointed, 81 percent in the boot stage, and 53 percent headed. Durum wheat was 78 percent jointed, 47 percent in the boot stage, and 18 percent headed. Spring wheat was 96 percent jointed, 78 percent in the boot stage, and 47 percent headed. Oats were 95 percent jointed, 79 percent in the boot stage, and 46 percent headed. Canola was 97 percent in the rosette stage, 67 percent blooming, and 1 percent turning. Three percent of the corn crop had reached the silking stage, compared to 27 percent last year and 20 percent for the five-year average. Dry edible beans were 15 percent blooming, behind both last year and the average. Dry edible peas were 83 percent flowering. Flaxseed was 40 percent blooming. As of July 17, potatoes were 48 percent blooming. Soybeans were 26 percent blooming. Sunflowers were 2 percent blooming. Other activities during the week included spraying pesticides and fungicides, cutting hay, and equipment maintenance.

**Livestock:** Stockwater supplies were rated 63 percent adequate and 37 surplus. Pasture and range conditions were rated 3 percent poor, 10 fair, 57 good, and 30 excellent. The first cutting of alfalfa was 80 percent complete, and the second cutting was 2 percent complete. Some western counties reported increased alfalfa weevil activity. Cutting of other hay was reported at 45 percent complete. Hay condition was rated 3 percent very poor, 5 poor, 13 fair, 54 good, and 25 excellent.

## Crop and Pasture Condition – North Dakota: July 17, 2011

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Barley .....	-	3	16	68	13
Durum wheat.....	-	3	24	60	13
Spring wheat.....	1	3	19	61	16
Oats .....	-	2	13	65	20
Canola .....	-	2	17	67	14
Corn.....	1	5	22	58	14
Dry edible beans .....	1	6	30	55	8
Dry edible peas .....	-	3	35	58	4
Flaxseed .....	-	4	28	60	8
Potatoes.....	3	6	39	41	11
Soybeans.....	1	5	22	61	11
Sugarbeets .....	1	5	24	60	10
Sunflower.....	-	3	21	65	11
Hay .....	3	5	13	54	25
Pasture and range ..	-	3	10	57	30

- Represents zero.

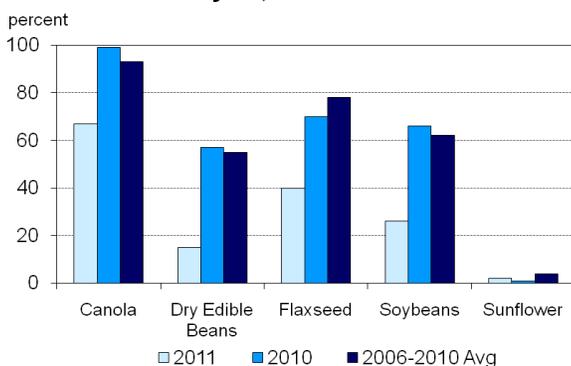
## Crop Progress – North Dakota

(Percentages represent all acreage in or beyond each stage. Progress is based on current intended acreage.)

Crop	July 17, 2011	July 10, 2011	July 17, 2010	2006-2010 Average
	(percent)	(percent)	(percent)	(percent)
<b>Barley</b>				
Jointed .....	97	84	100	100
Boot .....	81	41	97	98
Headed .....	53	-	87	91
<b>Durum wheat</b>				
Jointed .....	78	49	95	95
Boot .....	47	12	86	87
Headed .....	18	(NA)	69	71
<b>Spring wheat</b>				
Jointed .....	96	82	100	99
Boot .....	78	45	98	97
Headed .....	47	-	88	89
<b>Oats</b>				
Jointed .....	95	75	100	100
Boot .....	79	44	97	98
Headed .....	46	-	88	91
<b>Canola</b>				
Rosette .....	97	82	100	100
Blooming.....	67	(NA)	99	93
Turning.....	1	(NA)	9	14
<b>Corn, all</b>				
Silking .....	3	2	27	20
<b>Dry edible beans</b>				
Blooming.....	15	4	57	55
<b>Dry edible peas</b>				
Flowering .....	83	39	97	98
<b>Flaxseed</b>				
Blooming.....	40	11	70	78
<b>Potatoes</b>				
Blooming.....	48	14	86	76
<b>Soybeans</b>				
Blooming.....	26	17	66	62
<b>Sunflower</b>				
Blooming.....	2	(NA)	1	4

- Represents zero. (NA) Not available.

## Crops Blooming Stage North Dakota: July 17, 2011



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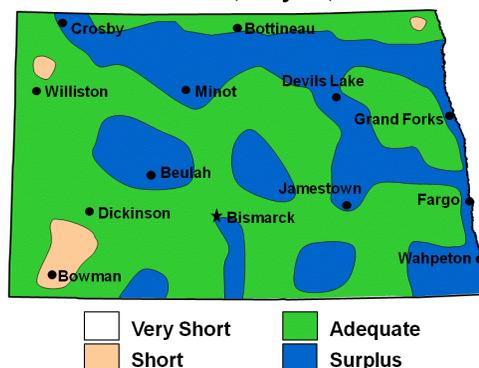
**NORTH DAKOTA CROP WEATHER REPORT, Week Ending July 17, 2011**

**Soil Moisture Supplies – North Dakota**

Item	July 17, 2011 (percent)	July 10, 2011 (percent)	July 17, 2010 (percent)	2006-2010 Average (percent)
<b>Topsoil</b>				
Very Short..	-	-	1	13
Short .....	4	4	19	27
Adequate...	61	62	72	55
Surplus.....	35	34	8	5
<b>Subsoil</b>				
Very Short..	-	-	1	11
Short .....	1	1	9	24
Adequate...	58	60	81	60
Surplus.....	41	39	9	5

- Represents zero.

**Topsoil Moisture Supplies  
 North Dakota, July 17, 2011**



**Weather:** Temperatures were above normal statewide. Precipitation was below normal across the far north, and parts of the southwest and south central regions. There were a few storms in the southwest on Monday with highs in the mid-70s to low 80s. Highs on Tuesday were in the 70s to low 80s with rain in the west. Wednesday was dry with highs in the mid-70s to 80s. There were showers and thunderstorms across the state on Thursday with highs in the mid-70s to 80s. Severe thunderstorms with large hail and damaging winds were reported in parts of the southwest on southeast on Thursday. There was rain across much of the state on Friday with highs in the 80s to low 90s. Severe thunderstorms were reported in the west on Friday. Highs on Saturday were in the mid-80s to mid-90s with showers and thunderstorms in the central and northeast. Severe thunderstorms with large hail, damaging winds, and tornadoes were reported in the central and northeast. There was rain across the state on Sunday with highs in the 80s to mid-90s. Severe thunderstorms with large hail, damaging winds and tornadoes were reported in the central and southeast.

**Outlook, July 18-24:** High temperatures will be above normal across the state. Precipitation will be near to above normal statewide. High temperatures on Monday will be in the mid-80s to low 90s with a chance of thunderstorms in the west and central. There will be a chance of showers and thunderstorms in the southeast on Tuesday with highs in the 90s to low 100s. Highs on Wednesday will be in the mid-80s to mid-90s with a chance of rain statewide. Highs on Thursday will be in the 80s with a chance of rain in the northwest. There will be a chance of rain across the state Friday through Sunday with highs in the upper 70s to mid-80s.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending July 17, 2011**

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1 <sup>1</sup>		
	Past Week (degrees F)	Depart Normal <sup>2</sup> (degrees F)	Past Week (inches)	Total (inches)	Depart Normal <sup>2</sup> (inches)
Northwest (1)	71	3	0.57	12.69	4.77
N. Central (2)	70	2	0.61	10.11	1.70
Northeast (3)	68	0	0.77	9.68	1.43
W. Central (4)	71	1	1.56	11.39	3.02
Central (5)	72	2	1.10	9.53	1.19
E. Central (6)	72	2	1.09	11.52	2.30
Southwest (7)	72	3	0.28	11.41	3.09
S. Central (8)	75	5	0.08	10.61	2.22
Southeast (9)	74	4	0.79	12.01	2.59

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

<sup>2</sup> Normal is the 1971-2000 average. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending July 17, 2011**

Stations by District	Temperature past week		Seasonal precipitation beginning April 1 <sup>1</sup>		
	High (degrees F)	Low (degrees F)	Past week (inches)	Total (inches)	Depart normal <sup>2</sup> (inches)
(1) Bowbells.....	86	56	0.17	13.32	5.14
Williston.....	89	57	0.41	11.61	4.91
Mohall.....	88	57	0.97	13.61	5.51
Minot.....	86	56	0.74	12.21	3.51
(2) Baker.....	85	54	0.98	9.20	0.96
Bottineau.....	90	51	0.33	11.33	2.85
Rugby.....	88	54	0.52	9.79	1.29
(3) Cando.....	87	52	0.22	9.36	1.51
Cavalier.....	88	46	0.72	10.48	2.09
Forest River....	87	49	0.93	9.23	0.82
Grand Forks....	87	51	1.07	10.87	2.95
Langdon.....	87	50	0.01	7.40	-1.11
St. Thomas.....	89	51	1.64	10.75	2.34
(4) Hazen.....	91	51	1.52	13.47	4.71
Turtle Lake.....	89	56	0.68	6.98	-1.65
Watford City....	87	55	2.48	13.72	6.01
(5) Carrington.....	86	54	2.41	9.11	-0.50
Harvey.....	87	55	0.42	7.29	0.40
Jamestown.....	91	53	1.30	10.84	2.28
Robinson.....	89	55	1.09	7.59	-0.96
Streeter.....	94	57	0.27	12.83	4.74
(6) Dazey.....	87	56	1.50	12.00	2.88
Fargo.....	88	59	1.06	12.09	2.85
Hillsboro.....	88	55	0.71	10.46	1.18
(7) Beach.....	90	58	0.63	12.37	4.54
Bowman.....	93	53	0.00	13.57	5.32
Dickinson.....	91	54	0.47	9.55	0.78
Hettinger.....	93	49	0.03	10.16	1.71
(8) Mandan.....	94	57	0.10	10.96	2.38
Linton.....	96	56	0.07	10.25	2.06
(9) Edgeley.....	94	55	0.63	12.03	2.93
Oakes.....	94	58	0.39	11.83	2.68
Wyndmere.....	92	56	1.35	12.17	2.17

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