

NORTH DAKOTA CROP, LIVESTOCK, & WEATHER REPORT



Cooperating With:
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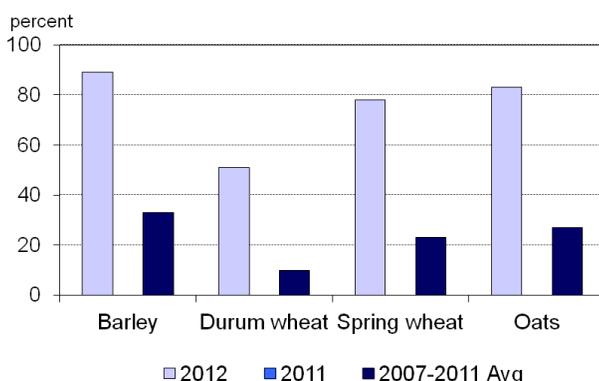
Released: July 23, 2012
For Week Ending: July 22, 2012

General: Dry conditions and excessive heat caused most crop conditions to decline last week, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. The warm, dry conditions, however, allowed producers to make progress harvesting small grains. The precipitation that did occur during the week was isolated and sporadic. Reporters indicated that more rain is needed throughout the majority of the state. Statewide, on average, there were 6.6 days suitable for fieldwork. Topsoil moisture supplies were rated 20 percent very short, 53 short, 26 adequate, and 1 surplus. Subsoil moisture supplies were rated 13 percent very short, 44 short, 41 adequate, and 2 surplus.

Crops: Maturity of most crops was accelerated due to the abundance of heat, and all small grain crops were ahead of their respective averages in stages of development. Harvest of small grains ramped up last week with barley, Durum wheat, spring wheat, and oats at 14 percent, 3 percent, 9 percent, and 21 percent harvested, respectively. Fifty-six percent of canola was turning or beyond, an increase of 32 percentage points from last week. As of Sunday, corn advanced 43 percentage points to 85 percent silk, ahead of 17 percent last year and the five-year (2007-2011) average of 27 percent. Up from 26 percent last week, 58 percent of dry edible beans were setting pods compared with 4 percent last year and the average of 15 percent. Seventy-five percent of dry edible peas were mature and 18 percent had been harvested as of Sunday. Flaxseed was 27 percent turning, compared with 4 percent last year and 6 percent on average. Harvest of lentils began with 8 percent harvested last week. With an increase of 29 percentage points, 76 percent of potatoes had rows filled, ahead of 24 percent last year and the average of 39 percent. Sixty-two percent of the soybean crop was setting pods on Sunday, compared with 6 percent last year and 20 percent on average. All crop conditions held steady or declined.

Livestock: Pasture and range conditions were 9 percent very poor, 27 poor, 35 fair, 28 good, and 1 excellent. First cutting of other hay was 81 percent complete. Hay conditions were rated 14 percent very poor, 25 poor, 34 fair, 25 good, and 2 excellent. Stockwater supplies were rated 10 percent very short, 30 short, 59 adequate and 1 surplus.

**Small Grains Turning
North Dakota: July 22, 2012**



Crop and Pasture Condition North Dakota: July 22, 2012

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Barley	-	5	29	56	10
Durum wheat.....	-	12	29	55	4
Spring wheat.....	-	5	27	59	9
Oats	-	4	28	62	6
Canola	-	4	30	55	11
Corn.....	2	9	31	54	4
Dry Edible Beans	-	12	36	45	7
Dry Edible Peas	1	11	30	51	7
Flaxseed	-	2	27	68	3
Potatoes.....	-	7	25	55	13
Soybeans.....	1	8	32	53	6
Sugarbeets	-	4	23	66	7
Sunflower.....	-	3	28	63	6
Hay	14	25	34	25	2
Pasture and range	9	27	35	28	1

- Represents zero.

Crop Development Progress – North Dakota

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

Crop	July 22, 2012	July 15, 2012	July 22, 2011	2007-2011 Average
	(percent)	(percent)	(percent)	(percent)
Barley				
Milk	98	88	23	65
Turning.....	89	64	-	33
Harvested.....	14	2	-	1
Durum wheat				
Milk	89	64	7	35
Turning.....	51	17	-	10
Harvested.....	3	-	-	-
Spring wheat				
Milk	99	90	24	59
Turning.....	78	54	-	23
Harvested.....	9	1	-	-
Oats				
Milk	95	86	23	65
Turning.....	83	59	-	27
Harvested.....	21	4	-	1
Canola				
Turning.....	56	24	5	18
Swathed.....	2	(NA)	-	-
Corn				
Silking	85	42	17	27
Dough	6	-	-	-
Dry edible beans				
Blooming.....	94	76	44	59
Setting Pods.....	58	26	4	15
Fully Podded.....	1	(NA)	-	-
Dry edible peas				
Mature.....	75	51	1	27
Harvested.....	18	2	-	1
Flaxseed				
Blooming.....	92	75	49	78
Turning.....	27	9	4	6
Lentils				
Harvested.....	8	(NA)	-	1
Potatoes				
Blooming.....	90	84	74	83
Rows Filled	76	47	24	39
Vines Killed	-	(NA)	-	-
Soybeans				
Blooming.....	92	70	45	64
Setting Pods.....	62	18	6	20
Fully Podded.....	6	-	-	1
Sunflower				
Blooming.....	20	4	6	6

- Represents zero. (NA) Not available.

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NORTH DAKOTA CROP WEATHER REPORT, Week Ending July 22, 2012

**Soil Moisture Supplies
 North Dakota: July 22, 2012**

Date	July 22, 2012	July 15, 2012	July 22, 2011	2007-2011 Average
	(percent)	(percent)	(percent)	(percent)
Topsoil				
Very Short	20	14	-	5
Short	53	48	3	22
Adequate	26	37	63	63
Surplus	1	1	34	10
Subsoil				
Very Short	13	11	-	5
Short	44	37	2	17
Adequate	41	51	58	65
Surplus	2	1	40	13

- Represents zero.

The following links provide further weather-related information and maps for North Dakota:

North Dakota Climatology Working Group provides statewide precipitation maps for the previous week:
<http://www.ndsu.edu/ndsc>

National Weather Service's North Dakota Data:
<http://www.nws.noaa.gov/view/states.php?state=ND>

Weather: Temperatures were above normal statewide. Precipitation was below normal across much of the state. Highs on Monday were in the 80s to low 90s with a few showers and thunderstorms in the south. There were showers and thunderstorms in the west and central on Tuesday with highs in the mid-70s to 80s. Highs on Wednesday were in the 80s to 90s with dry conditions. There were showers and thunderstorms in the central and east on Thursday with highs in the 90s to low 100s. Severe thunderstorms with large hail and damaging winds were reported in parts of the central and east on Thursday. Highs on Friday were in the mid-80s to low 100s with a few showers and thunderstorms in the southeast. There were a few showers and thunderstorms in the northwest on Saturday with highs in the mid-80s to mid-90s. Severe thunderstorms with large hail and damaging winds were reported in the northwest. A tornado was reported in Divide county on Saturday as well. Highs on Sunday were in the upper 80s to 90s with showers and thunderstorms in the south. Severe thunderstorms with large hail and damaging winds were reported in the south central and southeast on Sunday.

Outlook, July 23-July 29: Temperatures will be above normal statewide. Precipitation will be near normal across much of the state. Highs on Monday will be in the 80s with a chance of showers and thunderstorms in the south. There will be a chance of showers and thunderstorms in the west and central on Tuesday with highs in the 80s to low 90s. Highs on Wednesday will be in the 80s with a chance of showers and thunderstorms across much of the state. There will be a chance of showers and thunderstorms in the north and east on Thursday with highs in the mid-70s to mid-80s. Friday will be dry with highs in the 80s. Highs on Saturday will be in the 80s to low 90s with a chance of showers and thunderstorms in the west and central. There will be a chance of showers and thunderstorms across much of the state on Sunday with highs in the mid-80s to low 90s.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending July 22, 2012**

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)	78	10	0.44	9.30	0.88
N. Central (2)	76	9	0.27	7.33	-1.66
Northeast (3)	74	5	0.30	8.43	-0.38
W. Central (4)	81	11	0.22	7.77	-1.02
Central (5)	80	10	0.11	9.50	0.62
E. Central (6)	79	9	0.02	6.30	-3.51
Southwest (7)	80	10	0.56	8.70	0.01
S. Central (8)	80	8	0.23	9.59	0.70
Southeast (9)	79	8	0.72	9.22	-0.70

¹ Precipitation amounts may vary due to an inaccurate snowfall melt. ² 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 22, 2012**

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	95	61	0.03	9.29	0.55
Williston	98	63	1.27	8.67	1.55
Mohall	95	61	0.26	9.87	1.23
Minot	95	63	0.21	9.36	0.18
(2) Baker	93	62	0.58	8.91	0.07
Bottineau	95	57	0.12	5.94	-3.11
Rugby	95	59	0.10	7.15	-1.95
(3) Cando	90	57	0.04	7.49	-0.90
Cavalier	92	57	1.62	12.24	3.21
Forest River ...	92	58	0.04	6.08	-2.85
Grand Forks ...	94	63	0.01	7.31	-1.15
Langdon	86	58	0.09	10.06	0.95
St. Thomas	89	55	0.02	7.39	-1.54
(4) Hazen	103	61	0.11	8.07	-1.10
Turtle Lake	102	60	0.26	8.20	-0.91
Watford City ...	101	64	0.28	7.04	-1.05
(5) Carrington	93	62	0.02	8.29	-1.88
Harvey	96	61	0.00	9.73	2.42
Jamestown	101	63	0.33	8.15	-1.01
Robinson	101	63	0.11	10.54	1.47
Streeter	99	63	0.08	10.81	2.12
(6) Dazey	94	64	0.00	7.14	-2.64
Fargo	98	67	0.07	5.64	-4.14
Hillsboro	95	61	0.00	6.12	-3.76
(7) Beach	101	60	0.20	6.39	-1.80
Bowman	98	59	0.51	7.93	-0.68
Dickinson	100	64	0.23	8.16	-0.97
Hettinger	97	61	1.29	12.31	3.48
(8) Mandan	100	62	0.46	8.88	-0.24
Linton	98	61	0.00	10.30	1.63
(9) Edgeley	96	62	0.56	9.08	-0.40
Oakes	96	65	1.25	10.76	1.11
Wyndmere	94	65	0.35	7.82	-2.82

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