

NORTH DAKOTA CROP, LIVESTOCK, & WEATHER REPORT



USDA, NASS
North Dakota
Field Office

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

Released: May 21, 2012
For Week Ending: May 20, 2012

General: A week of above normal temperatures aided crop development, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Reporters expressed concern though, stating that topsoil moisture supplies had been depleted in some areas of the state due to warm temperatures and high winds. Statewide, on average, there were 6.1 days suitable for fieldwork. Post emergence spraying for control of broadleaf weeds was 22 percent complete, and spraying for wild oats was 23 percent complete. Topsoil moisture supplies were rated 2 percent very short, 25 short, 69 adequate, and 4 surplus. Subsoil moisture supplies were rated 1 percent very short, 17 short, 74 adequate, and 8 surplus.

Crops: Planting activities were in the final phase for small grains and for some other crops. Emergence of both barley and Durum wheat advanced 26 percentage points to 87 percent and 73 percent, respectively. Spring wheat was 90 percent emerged, up 21 percentage points from last week and ahead of the five-year (2007-2011) average of 41 percent. Eighty-five percent of oats were emerged, an increase of 27 percentage points from last week. Canola was 60 percent emerged, ahead of 1 percent last year and 26 percent on average. Corn advanced 38 percentage points to 66 percent emerged, ahead of 22 percent on average. Planting of dry beans reached 61 percent complete by Sunday, a 49 percentage point increase from last week. Flaxseed was 73 percent planted, ahead of 7 percent last year and 46 percent on average. Planting of soybeans was 84 percent complete, an increase of 33 percentage points. Sunflowers were 36 percent planted, ahead of 2 percent last year and 18 percent on average. Small grain conditions were mostly good as of Sunday. Other agricultural activities during the week included spraying herbicides.

Livestock: Calving was 96 percent complete. Pasture and range conditions were 7 percent poor, 21 fair, 57 good, and 15 excellent.

Crop Development Progress – North Dakota

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

Crop	May 20, 2012	May 13, 2012	May 20, 2011	2007-2011 Average
	(percent)	(percent)	(percent)	(percent)
Barley				
Planted.....	98	93	17	66
Emerged	87	61	2	37
Jointed	9	2	-	1
Durum wheat				
Planted.....	94	76	5	52
Emerged	73	47	1	25
Jointed	5	2	-	-
Spring wheat				
Planted.....	99	94	29	69
Emerged	90	69	7	41
Jointed	9	3	-	1
Oats				
Planted.....	95	87	24	69
Emerged	85	58	5	38
Jointed	14	3	-	1
Canola				
Planted.....	96	82	17	60
Emerged	60	26	1	26
Rosette	-	(NA)	-	-
Corn, all				
Planted.....	94	83	39	64
Emerged	66	28	5	22
Dry edible beans				
Planted.....	61	12	2	19
Emerged	4	-	-	1
Dry edible peas				
Planted.....	98	88	18	76
Emerged	60	52	2	41
Flaxseed				
Planted.....	73	52	7	46
Emerged	19	9	1	15
Potatoes				
Planted.....	90	76	12	53
Emerged	16	6	1	8
Soybeans				
Planted.....	84	51	9	34
Emerged	17	3	-	2
Sugarbeets				
Emerged	80	71	2	41
Sunflower				
Planted.....	36	14	2	18
Emerged	1	-	-	1

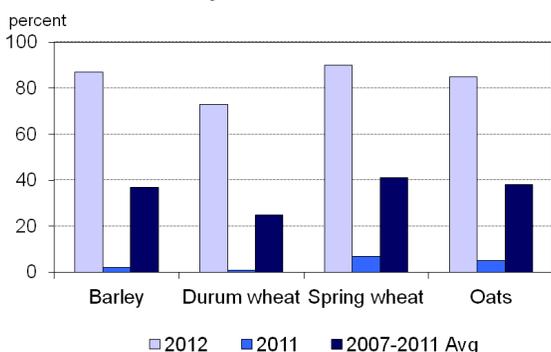
- Represents zero. (NA) Not available.

Crop and Pasture Condition North Dakota: May 20, 2012

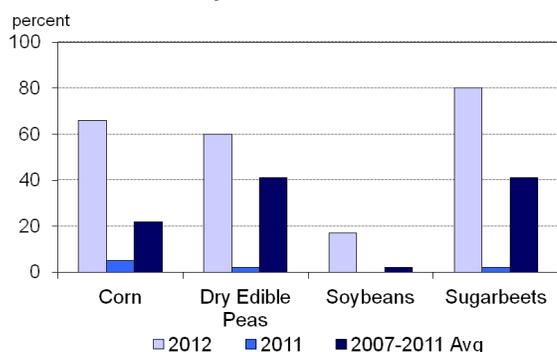
Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Barley	-	-	13	74	13
Durum wheat.....	-	-	7	87	6
Spring wheat.....	-	1	12	69	18
Oats	-	-	14	75	11
Corn.....	-	1	11	77	11
Dry Edible Peas	-	-	12	80	8
Sugarbeets	2	2	18	66	12
Pasture and range ..	-	7	21	57	15

- Represents zero.

Small Grains Emerged North Dakota: May 20, 2012



Other Crops Emerged North Dakota: May 20, 2012



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NORTH DAKOTA CROP WEATHER REPORT, Week Ending May 20, 2012

**Soil Moisture Supplies
 North Dakota: May 20, 2012**

Date	May 20, 2012	May 13, 2012	May 20, 2011	2007-2011 Average
	(percent)	(percent)	(percent)	(percent)
Topsoil				
Very Short	2	1	-	4
Short	25	18	1	12
Adequate	69	73	51	65
Surplus	4	8	48	19
Subsoil				
Very Short	1	1	-	6
Short	17	14	1	15
Adequate	74	74	52	59
Surplus	8	11	47	20

- Represents zero.

The following links provides 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 above normal in parts of the south central and northeast and below normal across much of the rest of the state. Monday was dry with highs in the 80s. Highs on Tuesday were in the 60s and 70s with dry conditions. Wednesday was dry with highs in the mid-70s to 80s. Highs on Thursday were in the upper 70s to low 90s with a few showers and thunderstorms in the west. There were showers and thunderstorms across much of the state on Friday with highs in the mid-60s to mid-90s. Highs on Saturday were in the mid-50s to mid-60s with showers and thunderstorms in the central and east. Sunday was dry with highs in the upper 60s to mid-70s.

Outlook, May 21-27: Temperatures will be above normal across much of the state. Precipitation will be near normal in the west and above normal across much of the central and east. Highs on Monday will be in the 70s to low 80s with a chance of showers and thunderstorms in the northern and western parts of the state. There will be a chance of showers and thunderstorms in the northern and eastern parts of the state on Tuesday with highs in the 70s and 80s. Highs on Wednesday will be in the 60s to mid-70s with a chance of showers and thunderstorms across much of the state. The chance of showers and thunderstorms will continue statewide on Thursday with highs in the mid-50s to mid-60s. Highs on Friday will be in the upper 50s to mid-60s with a chance of showers in the southern and western parts of the state. There will be a chance of showers and thunderstorms across much of the state on Saturday and Sunday with highs in the 60s to mid-70s.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending May 20, 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)	63	8	0.18	4.79	2.12
N. Central (2)	63	7	0.34	2.71	0.05
Northeast (3)	62	5	0.56	2.34	-0.16
W. Central (4)	62	6	0.31	3.56	0.66
Central (5)	63	6	0.38	4.21	1.57
E. Central (6)	65	7	0.07	2.02	-1.02
Southwest (7)	61	6	0.33	4.07	0.90
S. Central (8)	64	7	0.54	4.42	1.41
Southeast (9)	67	9	0.04	4.35	0.84

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 May 20, 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.....	81	39	0.06	4.83	2.13
Williston.....	88	45	0.28	3.42	1.13
Mohall.....	83	43	0.11	6.25	3.61
Minot.....	86	42	0.26	4.68	1.60
(2) Baker.....	87	42	0.53	2.71	0.07
Bottineau.....	88	35	0.15	2.69	0.10
Rugby.....	87	39	0.34	2.73	-0.02
(3) Cando.....	85	38	1.03	2.36	0.03
Cavalier.....	86	36	0.94	3.55	1.05
Forest River....	89	38	0.32	1.69	-0.89
Grand Forks....	92	38	0.25	2.10	-0.42
Langdon.....	85	40	0.37	1.93	-0.54
St. Thomas.....	86	38	0.42	2.42	-0.16
(4) Hazen.....	86	35	0.34	4.16	1.01
Turtle Lake.....	88	41	0.37	4.17	1.31
Watford City....	85	42	0.22	2.36	-0.33
(5) Carrington.....	89	41	0.27	2.94	-0.06
Harvey.....	87	39	0.58	4.34	2.34
Jamestown.....	84	40	0.22	3.90	1.08
Robinson.....	84	44	0.42	4.64	1.77
Streeter.....	83	42	0.39	5.25	2.73
(6) Dazey.....	87	42	0.05	2.82	-0.17
Fargo.....	92	41	0.14	1.61	-1.44
Hillsboro.....	93	38	0.01	1.64	-1.45
(7) Beach.....	88	41	0.19	2.68	-0.51
Bowman.....	83	37	0.47	4.40	1.44
Dickinson.....	85	38	0.20	3.38	0.13
Hettinger.....	84	36	0.44	5.84	2.56
(8) Mandan.....	85	40	0.51	4.10	0.96
Linton.....	87	44	0.56	4.75	1.87
(9) Edgeley.....	88	42	0.11	4.88	1.32
Oakes.....	91	47	0.01	4.65	1.29
Wyndmere.....	92	44	0.00	3.51	-0.09

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