

# NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



USDA, NASS  
North Dakota  
Field Office

Released: June 23, 2008  
For Week Ending: June 22, 2008  
ND-CW2508

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

**General:** Mostly dry conditions prevailed last week as crops made excellent developmental progress despite below normal temperatures, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Some hay producers were concerned about the hay crop's stunted growth because of the dry, cool spring. Hail damage was reported in the central portion of the state. Producers have started chemical application to prevent crop damage according to reporters. Many producers took advantage of mostly calm conditions by making good spraying progress last week. Post emergence spraying for the control of broadleaf weeds was 80 percent complete and spraying for wild oats was 85 percent complete. Topsoil moisture supplies were rated 1 percent very short, 17 short, 79 adequate and 3 surplus compared with the five-year (2003-2007) average of 6 percent very short, 11 short, 67 adequate and 16 surplus. Subsoil moisture supplies were rated 9 percent very short, 31 short, 57 adequate and 3 surplus. Statewide, on average, there were 6.2 days suitable for fieldwork, compared with 5.6 days on average.

**Crops:** Small grain crop development in the jointed and boot stages progressed behind last year and the average except for durum wheat jointed and boot. Spring wheat, at 27 percent boot, progressed nearly a week behind last year and the average. Durum wheat jointed was 53 percent complete, compared with 49 percent last year and on average. Small grain crop conditions were rated mostly fair to good. Emergence was ahead of the average pace for all other crops except for potatoes. Canola in the rosette stage was 53 percent complete, compared with 84 percent last year and 69 percent on average. Dry edible peas flowering advanced 10 percentage points to 19 percent complete. All other crop conditions were rated mostly fair to good except for sugarbeets which were rated mostly good to excellent.

**Livestock:** The first cutting of alfalfa was 7 percent complete, compared with 26 percent on average. Other hay was 4 percent complete, compared with 11 percent on average. The hay crop condition was rated 6 percent very poor, 33 poor, 41 fair, 19 good and 1 excellent. Pasture and range conditions were rated 5 percent very poor, 23 poor, 36 fair, 33 good and 3 excellent compared with last year when conditions were rated 1 percent very poor, 2 poor, 14 fair, 63 good and 20 excellent. Stockwater supplies were rated 59 percent adequate to surplus, compared with 94 percent last year and 86 percent on average.

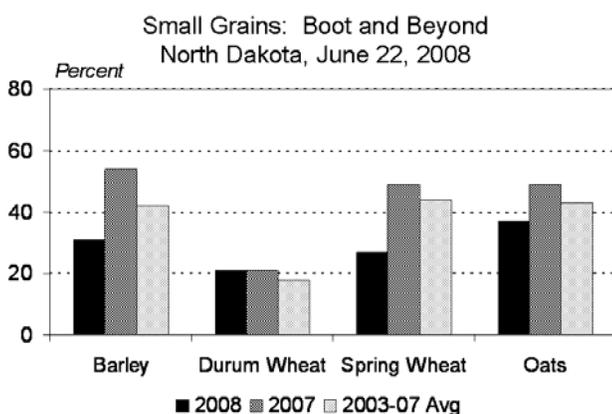
## Crop and Pasture Condition North Dakota, Week Ending June 22, 2008

Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Barley	0	1	21	67	11
Durum Wheat	0	1	32	62	5
Spring Wheat	0	3	22	64	11
Oats	0	2	33	61	4
Canola	1	4	30	58	7
Corn	1	5	32	55	7
Dry Edible Beans	0	3	24	60	13
Dry Edible Peas	0	3	32	62	3
Flaxseed	0	2	29	66	3
Potatoes	0	0	24	59	17
Soybeans	1	3	20	67	9
Sugarbeets	0	2	13	70	15
Sunflowers	0	1	34	60	5
Pasture and Range	5	23	36	33	3

## Crop Development Progress North Dakota, Week Ending June 22, 2008<sup>1 2</sup>

Crop	Week Ending			2003-2007 Avg
	June 22, 2008	June 15, 2008	June 22, 2007	
	Percent	Percent	Percent	Percent
<b>Barley</b>				
Jointed	74	43	83	75
Boot	31	4	54	42
Headed	6	0	23	17
<b>Durum Wheat</b>				
Jointed	53	36	49	49
Boot	21	3	21	18
Headed	2	NA	5	6
<b>Spring Wheat</b>				
Jointed	73	50	81	75
Boot	27	7	49	44
Headed	5	0	20	19
<b>Oats</b>				
Jointed	73	50	82	75
Boot	37	9	49	43
Headed	4	0	15	14
<b>Canola</b>				
Rosette	53	34	84	69
Blooming	4	0	29	24
<b>Dry Edible Beans</b>				
Emerged	97	83	90	90
Blooming	0	0	2	2
<b>Dry Edible Peas</b>				
Flowering	19	9	50	NA
<b>Flaxseed</b>				
Emerged	98	94	97	97
Blooming	1	0	7	7
<b>Potatoes</b>				
Emerged	89	65	93	92
Blooming	3	2	10	8
<b>Soybeans</b>				
Emerged	99	94	95	95
Blooming	0	0	2	1
<b>Sunflowers</b>				
Planted	99	95	98	98
Emerged	86	61	87	85

<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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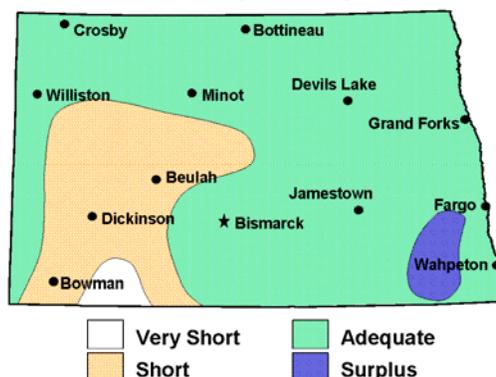
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NORTH DAKOTA CROP WEATHER REPORT, Week Ending June 22, 2008

Soil Moisture Supplies  
 North Dakota, Week Ending June 22, 2008

Date	Week Ending			2003-2007 Avg
	June 22, 2008	June 15, 2008	June 22, 2007	
	Percent	Percent	Percent	Percent
<b>Topsoil</b>				
Very Short	1	2	0	6
Short	17	8	3	11
Adequate	79	84	75	67
Surplus	3	6	22	16
<b>Subsoil</b>				
Very Short	9	10	1	6
Short	31	30	6	12
Adequate	57	56	74	66
Surplus	3	4	19	16

Topsoil Moisture Supplies  
 North Dakota, June 22, 2008



**Weather:** This past week was once again cool with below normal temperatures statewide. Monday started off the week dry with highs in the 70s. On Tuesday, a few isolated showers and thunderstorms occurred in the southwestern part of the state with highs in the 70s to 80s. Wednesday brought scattered showers and thunderstorms that moved through the state with highs in the upper 70s to 80s. Some of Wednesday's storms were strong and a tornado occurred in Morton County; numerous reports of hail occurred in the central portion of the state. On Thursday, a few isolated showers and thunderstorms moved through the western half of the state with highs in the upper 70s to 80s. Friday was dry as highs stayed in the upper 70s to 80s. On Saturday, a few isolated showers occurred in the extreme eastern half of the state as highs stayed in the upper 70s to 80s. A few isolated showers on Sunday occurred in the western half of the state with highs in the upper 70s to 80s.

**Outlook, June 23-29:** This week looks to start off wet but will end on a dry note with near to below normal temperatures. Monday will start off the week with scattered thunderstorms statewide with some of the storms possibly being strong to severe with highs in the 70s to mid-80s. On Tuesday, the threat of precipitation continues with scattered thunderstorms statewide with highs in the 70s to mid-80s. Once again on Wednesday, there is a chance of scattered thunderstorms statewide with some storms possibly being strong to severe with highs in the 80s. Thursday looks to be wet statewide with scattered thunderstorms with highs staying in the 80s. On Friday, there will be scattered thunderstorms mainly in the eastern half of the state with highs staying in the 80s. Saturday and Sunday will end the week on a quiet note with dry weather and highs staying in the 80s.

Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending June 22, 2008

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)	62	-2	0.27	5.64	-0.01
N. Central(2)	61	-3	0.23	5.23	-0.59
Northeast(3)	63	-2	0.26	4.88	-0.94
W. Central(4)	60	-4	0.12	4.12	-2.07
Central(5)	61	-4	0.27	5.26	-0.63
E. Central(6)	64	-1	0.03	6.09	-0.52
Southwest(7)	61	-3	0.12	5.54	-0.86
S. Central(8)	61	-4	0.66	5.96	-0.14
Southeast(9)	64	-1	0.04	5.74	-1.33

Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending June 22, 2008

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	42	0.15	5.30	-0.45
Williston	83	46	0.01	3.25	-1.54
Mohall	82	40	0.12	6.42	0.68
Minot	80	43	0.79	7.61	1.25
(2) Baker	80	43	0.02	6.23	0.60
Bottineau	82	40	0.66	4.50	-1.46
Rugby	80	41	0.02	4.97	-0.90
(3) Cando	81	43	0.72	6.48	0.94
Cavalier	82	40	0.19	5.15	-0.60
Forest River	85	46	0.11	4.23	-1.80
Grand Forks	83	48	0.01	3.87	-1.75
Langdon	80	46	0.54	4.86	-1.10
St. Thomas	81	49	0.00	4.72	-1.31
(4) Hazen	82	37	0.07	3.91	-2.64
Turtle Lake	78	41	0.28	5.27	-0.99
Watford City	82	44	0.00	3.17	-2.59
(5) Carrington	79	43	0.84	5.83	-1.06
Harvey	80	44	0.22	5.18	0.22
Jamestown	79	46	0.00	5.06	-0.87
Robinson	78	42	0.21	5.43	-0.68
Streeter	78	41	0.07	4.78	-0.77
(6) Dazey	80	46	0.08	4.96	-1.50
Fargo	83	49	0.00	7.77	1.00
Hillsboro	85	46	0.00	5.55	-1.06
(7) Beach	81	42	0.38	4.82	-1.28
Bowman	81	42	0.05	5.72	-0.60
Dickinson	83	42	0.00	3.35	-3.35
Hettinger	80	38	0.06	8.26	1.77
(8) Mandan	79	44	1.31	6.59	0.39
Linton	78	45	0.01	5.32	-0.67
(9) Edgeley	80	47	0.10	5.08	-2.14
Oakes	81	46	0.03	5.59	-1.15
Wyndmere	83	51	0.00	6.56	-0.69

<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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