

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: May 21, 2007
For Week Ending: May 20, 2007
ND-CW2107

Cooperating With:
NDSU EXTENSION SERVICE,
FARM SERVICE AGENCY,
ND AG WEATHER NETWORK (NDAWN)
and
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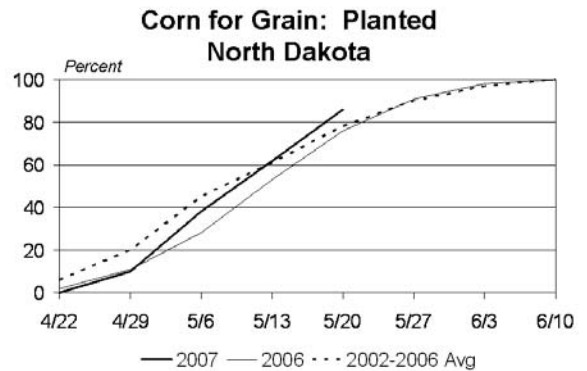
General: Excellent planting progress continued across the state until thunderstorms halted fieldwork at week's end, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Scattered reports were received that crops sustained frost injury on Wednesday and some crops will have to be replanted. Post emergence spraying for the control of broadleaf weeds was 12 percent complete, and spraying for wild oats was 17 percent complete. Topsoil moisture supplies were rated 1 percent very short, 12 short, 83 adequate and 4 surplus, compared with the five-year (2002-2006) average of 5 percent very short, 12 short, 73 adequate and 10 surplus. Statewide, on average, there were 5.7 days suitable for fieldwork, compared with 6.4 days last year.

Crops: Favorable weather most of the week allowed producers to advance spring wheat, barley and oats planting progress, which were nearly complete by week's end. Spring wheat seeded was 94 percent complete and continued over a week ahead of the average pace. Durum wheat was 75 percent seeded, compared with 67 percent last year and 57 percent on average. Barley and oats were 95 percent and 93 percent seeded, respectively. Small grain emergence continued ahead of the average pace.

Planting progress for all other crops remained ahead of average. Producers showed the most seeding progress for soybeans at 54 percent complete, compared with 48 percent last year. Planting progress of dry edible beans and soybeans each gained at least 30 percentage points during the week. Ninety-four percent of canola was planted, compared with 76 percent last year. Corn, at 86 percent planted, advanced 24 percentage points from the previous week. Dry edible pea planting was virtually complete, ahead of last year. Flaxseed was 71 percent planted, ahead of last year and average. Potatoes were 80 percent planted compared with 75 percent last year and 61 percent on average. Sunflowers, at 35 percent planted, gained 25 percentage points from the previous week, ahead of last year and average. Emergence for all other crops was at or ahead of average.

Livestock: Pastures were greening up while cows and calves were being turned out to pasture. Moisture was very beneficial for pasture and range conditions, which were rated at 2 percent very poor, 10 poor, 30 fair, 50 good and 8 excellent. Stock water supplies were rated 2 percent very short, 13 short, 80 adequate and 5 surplus.

Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Barley	0	0	10	72	18
Durum Wheat	0	0	4	91	5
Spring Wheat	0	1	9	76	14
Oats	0	0	12	81	7
Canola	0	1	8	72	19
Corn	0	1	16	75	8
Dry Edible Peas	0	0	9	82	9
Flaxseed	0	0	10	83	7
Sugarbeets	0	3	14	78	5
Pasture and Range	2	10	30	50	8



Crop	Percent								
	NW	NC	NE	WC	C	EC	SW	SC	SE
Barley	94	89	98	94	99	100	95	98	96
Durum Wheat	67	76	93	92	99	NA	93	89	NA
Spring Wheat	89	89	97	89	99	99	95	97	98
Oats	84	91	94	92	96	99	94	96	95
Canola	99	92	91	97	99	NA	98	96	NA
Corn	79	91	97	78	88	94	72	73	82
Dry Edible Peas	99	99	96	99	100	100	96	98	94
Flaxseed	71	57	71	74	83	69	87	80	62
Soybeans	67	28	64	NA	64	63	NA	25	34

NA= Not Available.

Crop	Week Ending			2002-2006 Avg
	May 20, 2007	May 13, 2007	May 20, 2006	
	Percent	Percent	Percent	Percent
BARLEY				
Planted	95	86	86	78
Emerged	73	44	51	45
Jointed	2	NA	0	1
DURUM WHEAT				
Planted	75	56	67	57
Emerged	43	23	31	28
Jointed	1	NA	0	0
SPRING WHEAT				
Planted	94	85	87	81
Emerged	72	49	59	53
Jointed	3	NA	1	1
OATS				
Planted	93	81	88	80
Emerged	69	38	59	51
Jointed	3	NA	1	1
CANOLA				
Planted	94	82	76	73
Emerged	61	34	27	30
CORN, ALL				
Planted	86	62	76	78
Emerged	50	19	30	26
DRY EDIBLE BEANS				
Planted	37	7	20	14
Emerged	3	NA	1	1
DRY EDIBLE PEAS				
Planted	99	90	92	NA
Emerged	74	44	47	NA
FLAXSEED				
Planted	71	47	64	58
Emerged	33	11	22	19
POTATOES				
Planted	80	54	75	61
Emerged	15	2	15	10
SOYBEANS				
Planted	54	18	48	42
Emerged	5	0	5	5
SUGARBEETS				
Planted		100	98	91
Emerged		73	25	42
SUNFLOWERS				
Planted		35	10	24
Emerged		3	NA	2

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

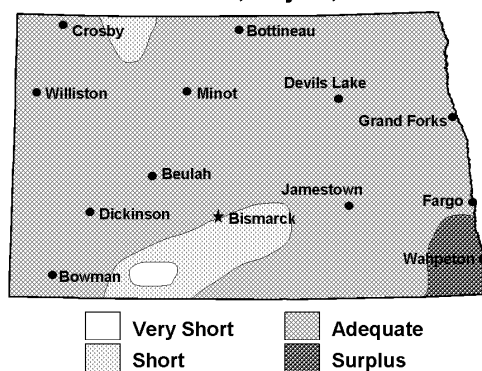
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**Soil Moisture Supplies
 North Dakota, May 20, 2007 with Comparisons**

Date	Week Ending			2002-2006 Avg
	May 20, 2007	May 13, 2007	May 20, 2006	
	Percent	Percent	Percent	Percent
Topsoil				
Very Short	1	0	7	5
Short	12	9	18	12
Adequate	83	83	66	73
Surplus	4	8	9	10
Subsoil				
Very Short	3	2	3	6
Short	28	28	16	18
Adequate	64	64	70	68
Surplus	5	6	11	8

**Topsoil Moisture Supplies
 North Dakota, May 20, 2007**



Weather: Temperatures this last week were again above average. The work week brought in highs in the upper to mid-70s and as high as the mid-80s. The weekend brought in highs in the 50s to lower 60s, but was a bit higher in areas that did not receive moisture. Monday was fairly quiet with a few light showers that moved across the northern part of the state. Tuesday brought in more moisture in the form of showers with most of it being in the central area. The rest of the work week was quiet until Friday when a strong line of thunderstorms moved through the state giving much needed moisture and bringing cooler temperatures for the weekend. There were 30 hail reports associated with this storm, most of them concentrated in the east central part of the state. Also with Friday's storm were three tornado reports in the east central part of the state, two in Barnes County and one in Griggs County. The preliminary reports from these tornadoes were minor and did not cause much damage. Saturday and Sunday were much cooler thanks to the cold front that moved through the state on Friday. Sunday brought some light showers with most of the moisture falling in the western part of the state.

Outlook, May 21-27: The first half of the work week should be fairly wet throughout the state with several systems bringing moisture in the form of showers and thunderstorms. Monday has the potential of severe weather moving through the central and eastern part of the state, but the severe threat is mainly in hail and strong winds. Midweek will also bring the threat of moisture in the form of thunderstorms with most of the moisture falling in the eastern half of the state. The eastern half of the state will see highs in the upper 70s to lower 80s. The western half of the state will have highs in the 60s for the first half of the work week. For the rest of the week the state will see highs in the upper 50s to mid-60s. Thursday and Friday will be relatively quiet. On Saturday, most of the moisture will occur in the central and eastern part of the state.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending May 20, 2007**

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	83	31	0.57	2.52	-0.10
Williston	86	38	0.78	1.94	-0.28
Mohall	81	33	0.85	2.69	0.13
Minot	86	34	0.91	1.29	-1.71
(2) Baker	82	36	0.90	1.87	-0.70
Bottineau	84	31	0.33	1.96	-0.55
Rugby	80	34	0.49	2.07	-0.60
(3) Cando	78	33	0.45	3.82	1.57
Cavalier	75	35	0.68	3.21	0.79
Forest River	76	37	0.33	3.25	0.75
Grand Forks	85	37	0.10	2.92	0.47
Langdon	75	32	0.49	1.69	-0.70
St. Thomas	76	39	0.36	2.82	0.32
(4) Hazen	88	31	0.29	1.68	-1.39
Turtle Lake	88	34	0.30	1.68	-1.11
Watford City	86	37	0.70	3.02	0.40
(5) Carrington	90	33	0.13	1.60	-1.31
Harvey	88	32	0.50	1.47	-0.46
Jamestown	87	33	0.06	2.03	-0.71
Robinson	86	33	0.23	1.31	-1.48
Streeter	86	33	0.21	1.68	-0.77
(6) Dazey	87	35	0.00	3.70	0.80
Fargo	88	40	0.58	5.24	2.28
Hillsboro	87	38	0.10	3.83	0.82
(7) Beach	84	39	0.33	3.06	-0.05
Bowman	85	36	0.06	2.09	-0.78
Dickinson	85	37	0.64	2.40	-0.77
Hettinger	87	34	0.12	2.78	-0.41
(8) Mandan	87	39	0.26	1.69	-1.37
Linton	87	37	0.19	1.84	-0.96
(9) Edgeley	88	38	0.04	2.93	-0.53
Oakes	87	39	0.01	7.68	4.40
Wyndmere	87	41	0.13	5.84	2.33

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending May 20, 2007**

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)	59	4	0.78	2.11	-0.49
N. Central(2)	57	2	0.57	1.97	-0.62
Northeast (3)	56	0	0.40	2.95	0.53
W. Central(4)	60	4	0.43	2.13	-0.70
Central (5)	60	3	0.23	1.62	-0.95
E. Central(6)	62	5	0.23	4.26	1.30
Southwest(7)	60	6	0.29	2.58	-0.50
S. Central(8)	62	6	0.23	1.77	-1.17
Southeast(9)	63	6	0.06	5.48	2.07

^{1/} Precipitation amounts may vary due to an inaccurate snowfall melt. ^{2/} 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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