



# Minnesota Ag News – Crop Weather

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COOPERATING WITH THE MN DEPARTMENT OF AGRICULTURE, NATIONAL WEATHER SERVICE - CHANHASSEN MN,  
UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, USDA-NRCS, and Local FACs

## SMALL GRAIN, SUGARBEET PLANTING REMAINS SLOW

Spring wheat, barley and sugarbeet planting remains behind the five-year average due, in part, to saturated cropland across northern parts of the state, according to the USDA NASS Minnesota Field Office. A limited number of producers across northern Minnesota began fieldwork last week; however, most of the area remains too wet for significant progress. Cattle producers in the area were moving livestock to pasture, avoiding muddy feedlots. Springtime thunderstorms moved across southern Minnesota with rainfall amounts ranging from one-half to over one-inch. Statewide, 4.6 days were suitable for fieldwork.

Topsoil moisture supplies were 65 percent adequate, relatively unchanged from last week. Fourteen percent was rated short as rainfall amounts continue to be light across central Minnesota.

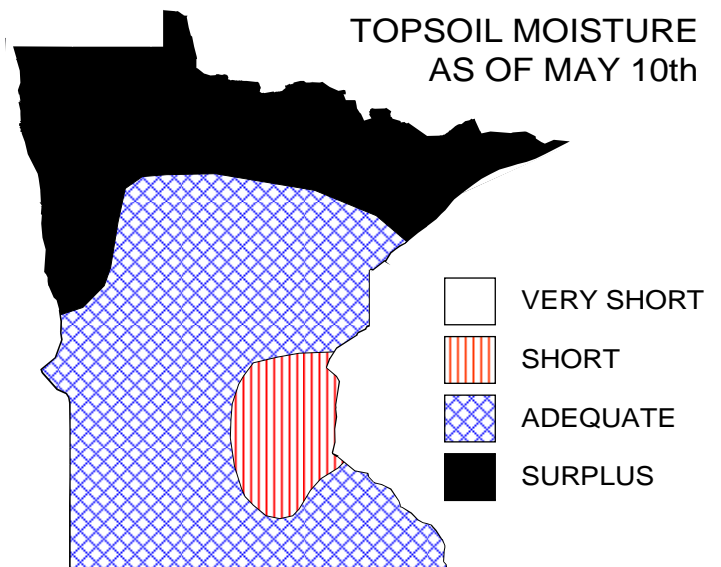
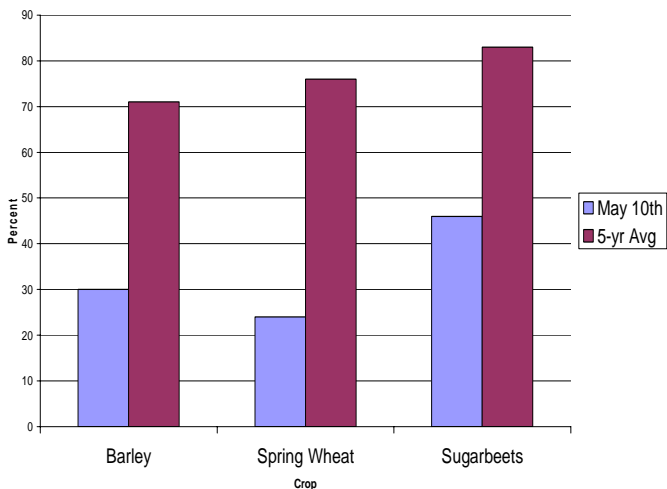
Planting progress for most crops advanced last week; however, spring wheat, barley and sugarbeet planting lag significantly behind their five-year averages. Corn planted, at 81 percent complete was progressing ahead of last year and the five-year average; however, emergence was slower under cool soil and air temperatures. The relatively chilly weather affected the growth of cool-season grasses in some areas. Statewide, pasture conditions were rated 35 percent fair and 48 percent good.

Days Suitable for Fieldwork: 4.6				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	3	14	65	18

Crop Progress as of May 10, 2009					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Land Prepared	88	73	41	79
	Planted	81	59	29	69
	Emerged	11	1	0	13
Soybeans	Land Prepared	48	19	8	37
	Planted	28	7	3	23
	Emerged	0	0	0	1
Spring Wheat	Planted	24	16	60	76
	Emerged	11	4	8	30
Oats	Planted	81	62	60	81
	Emerged	47	21	14	47
Barley	Planted	30	19	57	71
	Emerged	14	4	5	23
Sunflowers	Planted	0	0	7	12
Canola	Planted	3	0	12	24
Dry Beans	Planted	3	0	2	9
Sweet Corn	Planted	27	13	5	20
Green Peas	Planted	69	51	31	56
Sugarbeets	Planted	46	20	66	83
Potatoes	Planted	68	51	46	65

Condition as of May 10, 2009					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Pasture	4	6	35	48	7
Oats	1	2	32	54	11

Current Percent Planted vs. 5-Year Avg.



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING May 10, 2009:  
 Temperatures averaged from 4.6 degrees below normal in the Northwest District to 2.2 degrees above normal in the Southeast District. Extremes: 24 degrees in International Falls, 79 degrees in Forest Lake. Precipitation averaged from 0.40 inches below normal in the Central District to .34 inches above normal in the South Central District. Greatest weekly total of 1.73 inches was recorded in Worthington.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website; <http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 5/4/2009 through 5/10/2009

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 4/1	Since May 4	Depart from Norm
<u>NW DIST 1</u>										
Crookston	70	30	46.5	-6.4	0	-.46	-.70	-1.11	27	-26
Moorhead	75	28	49.5	-4.6	.07	-.42	-.79	-1.26	45	-12
Warroad	69	28	46.0	-3.0	.26	-.18	-.03	-.03	32	-8
<u>NC DIST 2</u>										
Grand Rapids	76	30	50.2	-.8	.11	-.43	-.74	-1.07	48	3
Intl. Falls	75	24	45.8	-4.2	.32	-.14	-.24	-.60	36	-6
Itasca	73	29	47.2	-1.7	.13	-.39	-.81	-.93	43	5
<u>NE DIST 3</u>										
Duluth	74	34	50.6	1.9	.52	-.05	-.87	-1.49	46	11
Grand Marais	74	34	47.0	1.9	.47	-.00	1.08	1.00	28	7
Hibbing	75	25	48.0	-1.5	.54	.06	.15	-.31	45	6
<u>WC DIST 4</u>										
Alexandria	74	37	53.2	.2	.10	-.46	-1.14	-1.83	52	-1
Browns Valley	74	33	49.8	-5.1	.08	-.40	-.79	-1.13	49	-12
Canby	75	33	54.8	-.7	.33	-.25	-1.22	-1.77	67	5
Dalton	71	37	53.0	-.9	.12	-.38	-1.08	-1.19	51	-4
Fergus Falls	72	34	51.6	-1.8	.14	-.36	-.71	-.10	48	-6
Montevideo	76	31	54.2	-.4	.18	-.45	-1.55	-2.17	74	15
Morris	73	35	52.5	-2.0	.13	-.43	-1.24	-1.79	55	-4
<u>CENT DIST 5</u>										
Becker	76	33	53.0	-1.0	.20	-.49	-1.67	-2.07	60	4
Collegeville	78	38	55.5	-.4	.10	-.57	-1.34	-1.76	62	-2
Hutchinson	77	36	55.7	.3	.34	-.25	-1.13	-1.40	70	8
Melrose	75	33	51.4	-2.3	.05	-.59	-1.49	-1.59	57	2
Olivia	76	32	53.9	-.8	.57	-.04	-1.04	-1.54	69	9
St. Cloud	76	33	52.6	-.8	.21	-.35	-.77	-1.34	59	5
Staples	75	32	52.1	.2	.07	-.51	-1.33	-1.78	55	6
Willmar	77	34	54.6	-.0	.17	-.41	-1.03	-1.43	64	5
<u>EC DIST 6</u>										
Aitkin	74	31	49.6	-.9	.41	-.20	-.54	-.29	46	3
Forest Lake	79	37	56.9	2.6	.18	-.51	-1.43	-1.82	80	22
Hinckley	77	32	51.6	.7	.21	-.47	-1.19	-1.44	62	18
MSP Airport	75	41	57.6	1.5	.33	-.31	-.91	-1.31	68	4
St. Paul - UofM	75	40	57.8	.9	.34	-.39	-1.14	-1.73	71	2
<u>SW DIST 7</u>										
Lamberton	74	33	54.7	-.5	1.17	.48	-.33	-1.03	65	3
Marshall	76	32	53.4	-2.0	.74	.09	-.81	-1.41	69	7
Pipestone	78	28	55.4	1.1	.69	.01	-.56	-.56	78	20
Redwood Falls	77	34	55.5	-1.3	.91	.27	-.80	-1.34	67	-1
Worthington	71	33	53.4	-.2	1.73	1.06	.93	.35	56	1
<u>SC DIST 8</u>										
Faribault	75	37	56.0	2.2	.78	-.01	-.24	-.82	73	17
Mankato	74	37	55.2	.0	.98	.28	-.22	-1.09	67	6
Waseca	74	35	55.6	.7	1.40	.54	.11	-.78	64	4
Winnebago	75	36	57.2	1.8	1.38	.55	.15	-.43	72	9
<u>SE DIST 9</u>										
Preston	74	34	55.8	2.4	1.47	.63	.85	-.21	69	17
Red Wing	76	39	57.8	2.6	.78	.04	-.41	-1.16	72	11
Rochester	74	38	55.8	2.1	1.29	.52	.32	-.74	58	4
Rosemount	76	39	56.4	2.2	.50	-.33	-.91	-1.30	71	15
Winona	74	42	58.0	2.8	1.20	.36	.83	-.30	70	9

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

The MINNESOTA WEEKLY CROP-WEATHER REPORT (USPS-387190) is published weekly in April through November (crop season). Subscription rates are \$15.00 per year for non-reporters and free to survey respondents by the USDA-NASS Minnesota Field Office, P O Box 7068, St. Paul, MN 55107. Periodicals postage paid at St. Paul, Minnesota and other mailing offices. POSTMASTER: Send address changes to the MINNESOTA WEEKLY CROP-WEATHER REPORT, P O Box 7068, St. Paul, MN 55107.

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