



# 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, AND USDA-NRCS

## SWEET CORN HARVEST STARTED

Sweet corn harvest started as five percent of the crop was harvested during the past week, according to USDA, NASS, Minnesota Field Office. Ripening of small grain crops advanced 17 to 22 percentage points during the week and corn silking advanced 48 percentage points, aided by warm weather.

The average temperature for the week was 71.1°, 0.9° above normal. Statewide topsoil moisture supplies as of Friday, August 1<sup>st</sup> were 8 percent very short, 21 short, 68 adequate, and 3 surplus. Statewide, on average, there were 5.8 days suitable for fieldwork during the week.

As of Sunday, August 3<sup>rd</sup>, 82 percent of corn was silking compared to 99 percent last year and 95 percent average. Eleven percent of corn was in milk stage compared to 65 percent last year and 40 percent average.

Soybeans were 88 percent blooming compared to 94 percent last year and 93 percent average. Thirty-four percent of soybeans were setting pods compared to 71 percent last year and 58 percent average.

Spring wheat was 2 percent harvested compared to 24 percent last year and 16 percent average. Barley was 5 percent harvested compared to 53 percent last year and 32 percent average. Oats were 19 percent harvested compared to 69 percent last year and 47 percent average.

As of Friday, August 1<sup>st</sup>, 72 percent of corn and 74 percent of soybeans were rated in good or excellent condition.

Eighty-four percent of spring wheat, 81 percent of barley, and 75 percent of oats were rated in good or excellent condition.

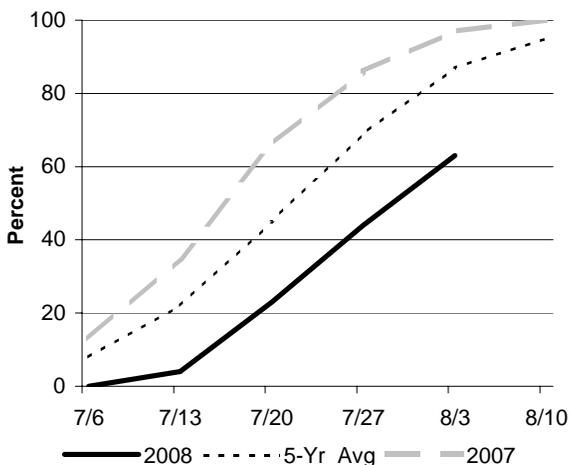
Seventy-two percent of dry beans, 69 percent of sunflowers, 62 percent of canola, and 55 percent of pasture were rated in good or excellent condition.

Days Suitable for Fieldwork: 5.8				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	8	21	68	3

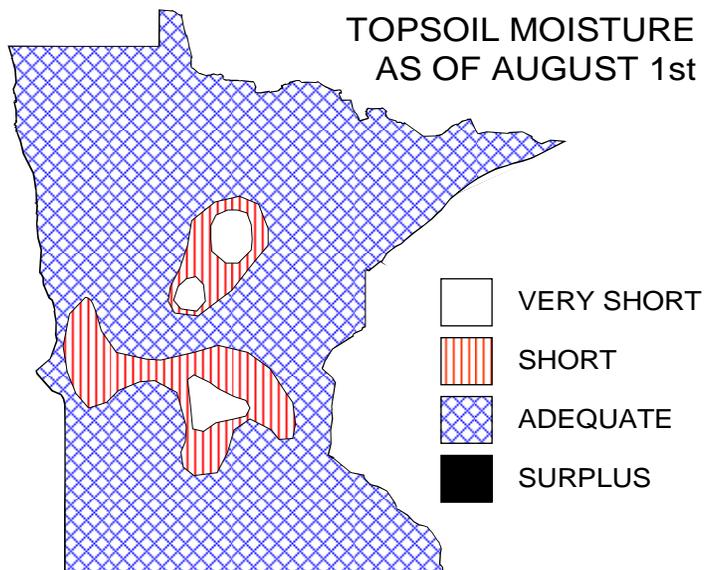
Crop Progress as of August 3, 2008					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Silking	82	34	99	95
	Milk	11	N/A	65	40
Soybeans	Blooming	88	71	94	93
	Setting Pods	34	10	71	58
Spring Wheat	Ripening	63	44	97	87
	Harvested	2	0	24	16
Barley	Ripening	70	53	98	92
	Harvested	5	1	53	32
Oats	Ripening	81	59	98	94
	Harvested	19	4	69	47
Potatoes	Harvested	1	1	8	3
Sweet Corn	Harvested	5	N/A	27	11

Crop Condition as of August 1, 2008					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Corn	2	6	20	54	18
Soybeans	1	4	21	57	17
Spring Wheat	0	1	15	60	24
Barley	1	2	16	53	28
Oats	1	3	21	55	20
Potatoes	0	2	13	56	29
Sugarbeets	0	2	23	61	14
Dry Beans	0	2	26	60	12
Sunflowers	0	6	25	53	16
Canola	0	8	30	40	22
Pasture	3	11	31	50	5

SPRING WHEAT RIPENING  
JULY 6 - AUG 10



TOPSOIL MOISTURE  
AS OF AUGUST 1st



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING August 3, 2008:  
 Temperatures averaged from 0.5 degree below normal in the Northwest and Northeast Districts to 3.2 degrees above normal in the East Central District. Extremes: 41 degrees in Hibbing, 94 degrees at the Minneapolis Airport. Precipitation averaged from 0.71 inch below normal in the East Central District to 0.64 inch above normal in the Central District. Greatest weekly total was 3.05 inches recorded in Willmar.

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 7/28/2008 through 8/3/2008

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Since Norm 4/1	Since May 14	Depart from Norm
<u>NW DIST 1</u>										
Crookston	85	51	69.4	-.9	.82	.14	-.61	-2.55	1153	-192
Moorhead	85	53	72.2	.8	.28	-.31	-.62	1.34	1312	-94
Warroad	81	54	66.6	-1.4	1.13	.40	.81	1.85	1025	-158
<u>NC DIST 2</u>										
Grand Rapids	84	50	68.7	.7	.79	-.15	-1.12	1.60	1142	-60
Intl. Falls	81	45	64.6	-1.9	.04	-.65	.19	2.60	924	-193
Itasca	85	50	67.2	.4	.43	-.42	-1.55	2.89	1028	-84
<u>NE DIST 3</u>										
Duluth	81	51	66.6	.5	.58	-.34	1.06	2.61	964	-61
Grand Marais	84	49	63.6	.5	.27	-.44	-1.21	6.85	635	-66
Hibbing	81	41	63.9	-2.4	.20	-.73	-.71	.88	933	-148
<u>WC DIST 4</u>										
Alexandria	86	59	72.7	2.2	.17	-.57	.71	-.42	1274	-78
Browns Valley	87	53	72.4	-.3	2.61	1.89	.58	4.02	1347	-142
Canby	88	56	72.8	-.7	1.18	.52	-.07	.01	1461	-99
Fergus Falls	87	47	69.9	-.8	.05	-.68	-.96	.56	1230	-134
Montevideo	88	59	73.0	.9	.26	-.47	-1.30	-1.73	1392	-97
Morris	86	57	72.0	.6	1.67	.83	-1.25	-1.33	1316	-134
<u>CENT DIST 5</u>										
Becker	89	53	74.4	4.4	.45	-.51	-1.53	-.41	1400	57
Collegeville	90	56	73.6	1.1	2.15	1.35	.23	2.79	1439	-69
Hutchinson	90	54	73.1	1.1	.58	-.30	-1.90	-2.24	1440	-74
Olivia	87	57	72.1	.9	1.43	.68	.46	.38	1355	-126
St. Cloud	89	50	71.8	1.8	2.52	1.74	.80	1.43	1322	-21
Staples	85	51	69.2	1.3	.03	-.72	-.75	-.41	1117	-92
Willmar	88	59	74.0	2.7	3.05	2.24	.62	-.77	1409	-60
<u>EC DIST 6</u>										
Aitkin	87	56	71.8	4.8	.41	-.58	-1.13	.55	1145	-2
Forest Lake	91	57	72.7	1.7	.47	-.57	-1.07	.67	1380	-52
MSP Airport	94	60	77.0	3.7	.13	-.79	-1.48	-3.85	1611	52
St. Paul - UofM	91	57	76.2	2.7	.07	-.91	-1.89	-4.37	1569	-29
<u>SW DIST 7</u>										
Lamberton	90	57	73.5	1.6	.59	-.20	.16	-.65	1475	-64
Pipestone	86	55	72.2	.3	.94	.24	-.24	.07	1334	-130
Redwood Falls	88	57	73.5	-.0	.76	-.08	-1.00	-1.14	1481	-133
Worthington	87	57	73.0	2.2	.52	-.25	.84	3.07	1454	12
<u>SC DIST 8</u>										
Faribault	91	55	72.8	1.5	.92	-.08	-.02	1.15	1406	-55
Mankato	88	57	72.4	.2	1.28	.32	.86	-1.03	1431	-88
Waseca	88	55	71.6	.4	.98	-.08	2.01	2.08	1418	-70
Winnebago	89	58	74.2	2.2	.80	-.16	-1.00	.23	1524	-13
<u>SE DIST 9</u>										
Preston	89	51	72.4	1.9	.81	-.26	-1.03	8.10	1395	-3
Red Wing	92	55	73.2	.9	.14	-.79	-1.11	-.55	1454	-48
Rochester	88	56	72.2	2.0	.80	-.25	-.99	2.58	1460	77
Rosemount	91	56	73.5	2.5	.16	-.91	-1.27	-1.48	1407	-34
Winona	88	58	72.4	-2.2	0	-.95	.58	5.54	1402	-262

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.

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