



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

MINNESOTA'S CORN HARVEST WELL UNDERWAY

Farmers harvested nearly twenty percent of the corn in Minnesota as of Sunday, October 19th, according to USDA, NASS, Minnesota Field Office. Harvest advanced even though the average statewide moisture content of the corn being harvested was 23 percent, which is above the five-year average of 20 percent. Soybean harvest continued to make progress as well and potato harvest was almost complete.

The average temperature for the week was 46.7°, 0.4° above normal. Statewide topsoil moisture supplies as of Friday, October 17th, were 1 percent very short, 9 short, 72 adequate, and 18 surplus. Statewide, on average, there were 3.9 days suitable for fieldwork during the week.

As of Sunday, October 19th, 95 percent of the corn was mature, compared to 100 percent last year and 99 percent average. Nineteen percent of the corn crop was harvested, compared to 51 percent last year and 43 percent average. Soybean harvest reached 83 percent complete, compared to 85 percent last year and 88 percent average.

Sugarbeet harvest was at 80 percent complete, compared to 78 percent last year and 87 percent average. Potato harvest was at 98 percent, compared to 93 percent last year and 95 percent average.

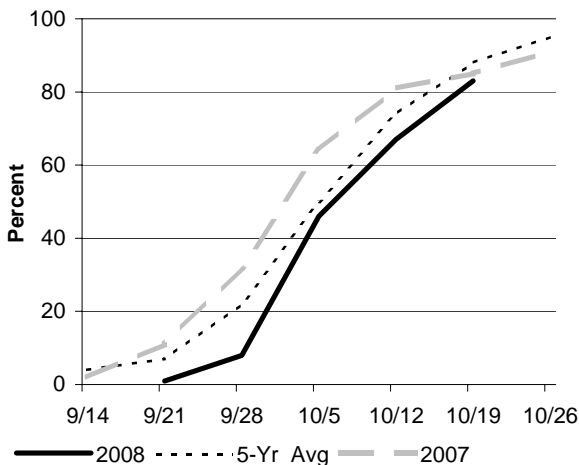
As of Friday, October 17th, 70 percent of corn was rated in good or excellent condition. Sixty-eight percent of sunflowers and 45 percent of pasture were rated in good or excellent condition.

Days Suitable for Fieldwork: 3.9				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	1	9	72	18

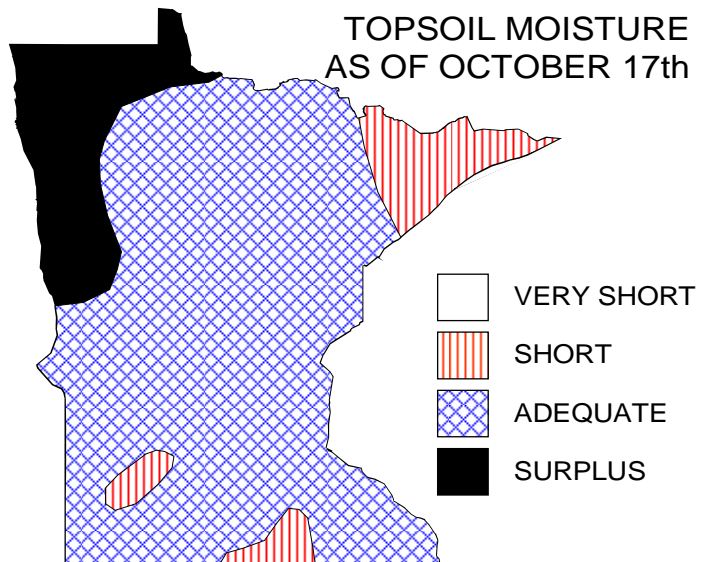
Crop Progress as of October 19, 2008					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Mature	95	83	100	99
	Harvested	19	5	51	43
	Moisture	23	24	19	20
Soybeans	Harvested	83	67	85	88
	Moisture	13	12	14	12
Sugarbeets	Harvested	80	59	78	87
Potatoes	Harvested	98	93	93	95
Sunflowers	Harvested	33	16	27	39

Crop Condition as of October 17, 2008					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Corn	4	7	19	58	12
Sunflowers	1	4	27	60	8
Pasture	3	16	36	41	4

SOYBEANS HARVESTED
SEPTEMBER 14 - OCTOBER 26



TOPSOIL MOISTURE
AS OF OCTOBER 17th



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING October 19, 2008:
 Temperatures averaged from 1.5 degrees below normal in the Southwest District to 1.7 degrees above normal in the Northwest District. Extremes: 24 degrees in Hibbing, Pipestone; 79 degrees in Mankato, Waseca, Winnebago, Preston. Precipitation averaged from 0.37 inch below normal in the Northeast District to 0.05 inch above normal in the South Central District. Greatest weekly total was 0.76 inch recorded in Staples, Winnebago.

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 10/13/2008 through 10/19/2008

	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 14	Depart from Norm
<u>NW DIST 1</u>										
Crookston	74	31	46.8	2.4	.40	-.02	3.02	3.91	2101	-120
Moorhead	61	31	45.6	-.1	.13	-.32	2.06	8.68	2306	-29
Warroad	65	30	45.5	3.0	.48	.08	1.43	3.97	1783	-143
<u>NC DIST 2</u>										
Grand Rapids	65	33	46.3	2.2	.15	-.48	2.26	.60	1999	55
Intl. Falls	64	29	43.6	1.6	.20	-.23	.37	2.31	1617	-182
Itasca	64	32	44.6	2.8	.71	.12	2.84	4.94	1859	48
<u>NE DIST 3</u>										
Duluth	64	33	45.0	1.2	.15	-.37	1.66	2.02	1699	-45
Grand Marais	65	33	46.6	1.9	.20	-.38	2.21	7.12	1289	-115
Hibbing	66	24	43.6	1.3	.18	-.38	1.36	-.93	1685	-84
<u>WC DIST 4</u>										
Alexandria	63	30	46.2	.7	.20	-.29	2.58	.55	2241	-6
Browns Valley	66	27	45.4	-1.6	.51	.11	2.04	5.18	2391	-96
Canby	70	30	47.3	-2.0	.11	-.37	1.22	-1.47	2594	-52
Dalton	67	32	46.0	-.7	.53	.06	2.46	4.10	2394	60
Fergus Falls	67	30	44.3	-1.1	.60	.13	3.18	3.58	2252	-22
Montevideo	64	27	46.2	-1.3	.36	-.09	1.95	-.85	2472	-25
Morris	67	27	44.4	-2.0	.54	-.00	1.75	-.27	2299	-108
<u>CENT DIST 5</u>										
Becker	76	30	48.4	2.0	0	-.48	-.11	-1.01	2441	168
Collegeville	70	32	49.8	.7	.18	-.38	1.40	1.63	2528	-26
Hutchinson	76	30	48.5	.7	.16	-.27	-.31	-1.13	2514	2
Melrose	70	30	45.0	-1.3	.34	-.22	1.72	.68	2135	-255
Olivia	73	27	45.4	-1.7	.22	-.20	.22	.98	2380	-57
St. Cloud	69	29	46.8	1.2	.20	-.30	.68	.73	2313	100
Staples	69	30	44.9	.3	.76	.16	3.97	1.40	2012	10
Willmar	71	30	46.0	-1.0	.33	-.16	.78	-2.54	2463	28
<u>EC DIST 6</u>										
Aitkin	66	32	46.9	2.6	.37	-.19	1.71	-.85	2081	183
Forest Lake	76	30	50.1	2.3	.44	-.12	-.25	-2.08	2482	83
Hinckley	71	28	46.2	2.5	.23	-.37	2.22	7.20	1866	-111
MSP Airport	70	35	49.2	.2	.45	-.02	.39	-4.66	2806	183
St. Paul - UofM	76	33	49.5	-1.2	.50	-.06	.35	-6.74	2758	35
<u>SW DIST 7</u>										
Lamberton	76	26	47.1	-1.0	.13	-.30	.81	-2.44	2595	51
Marshall	62	31	46.7	-2.1	.05	-.39	1.35	-.16	2708	94
Pipestone	70	24	43.8	-3.1	.45	-.05	1.56	-.10	2385	-58
Redwood Falls	70	29	48.8	-.7	.20	-.22	.47	-1.62	2644	-63
Worthington	74	28	45.8	-1.1	.40	-.03	1.56	2.02	2526	139
<u>SC DIST 8</u>										
Faribault	78	30	47.2	-.3	.37	-.12	-.48	-2.82	2510	70
Mankato	79	29	48.4	-.2	.71	.16	-.33	-5.61	2549	2
Waseca	79	26	47.3	-.6	.50	-.05	-.58	-2.82	2508	21
Winnebago	79	30	47.0	-2.2	.76	.21	.18	-3.51	2679	92
<u>SE DIST 9</u>										
Preston	79	28	49.3	1.1	.50	-.00	-.08	4.94	2485	122
Red Wing	78	31	49.7	1.1	.19	-.27	-.50	-3.19	2567	31
Rochester	70	31	48.2	1.0	.31	-.17	1.40	.19	2532	211
Rosemount	78	33	48.7	.1	.47	-.08	.08	-4.02	2480	55
Winona	78	34	50.6	1.3	.39	-.08	-.97	.64	2455	-128

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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