



Minnesota Ag News – Crop Weather

USDA, NASS, Minnesota Field Office
P.O. Box 7068 – St. Paul, MN 55107
(651) 296-2230 · (651) 296-3192 FAX

Email: nass-mn@nass.usda.gov - Homepage: <http://www.nass.usda.gov>

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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 NEARLY COMPLETE

Minnesota's sweet corn harvest was nearly complete, and corn silage and canola harvests were progressing well, according to USDA, NASS, Minnesota Field Office. Corn and soybean crops were nearly half mature.

Statewide topsoil moisture supplies as of Friday, September 26th were 8 percent very short, 20 short, 65 adequate, and 7 surplus. Statewide, on average, there were 5.4 days suitable for fieldwork during the week.

As of Sunday, September 28th, 97 percent of corn had reached the dent stage compared to 100 percent last year, and 97 percent for the five-year average. Forty-one percent of the corn was mature, compared to 93 percent last year, and 72 percent average. Soybeans were 98 percent turning yellow compared to 100 percent last year and 98 percent average. Eighty-six percent of soybeans were dropping leaves compared to 98 percent last year and 89 percent average. Forty-four percent of the soybeans were mature, compared to 91 percent last year and 69 percent average.

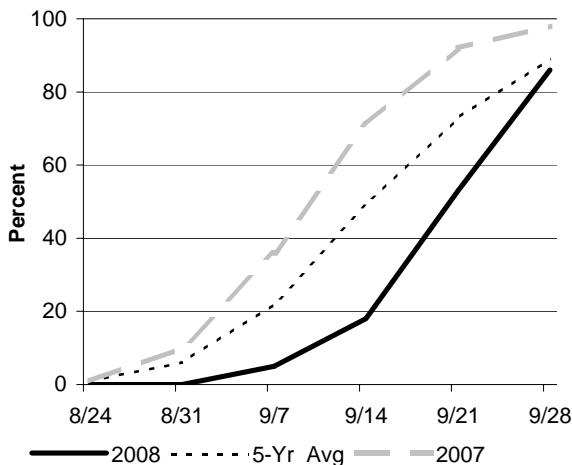
As of Friday, September 26th, 65 percent of corn and 60 percent of soybeans were rated in good or excellent condition. Seventy-one percent of sunflowers, 75 percent of sugarbeets, and 37 percent of pasture were rated in good or excellent condition.

Days Suitable for Fieldwork: 5.4				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	8	20	65	7

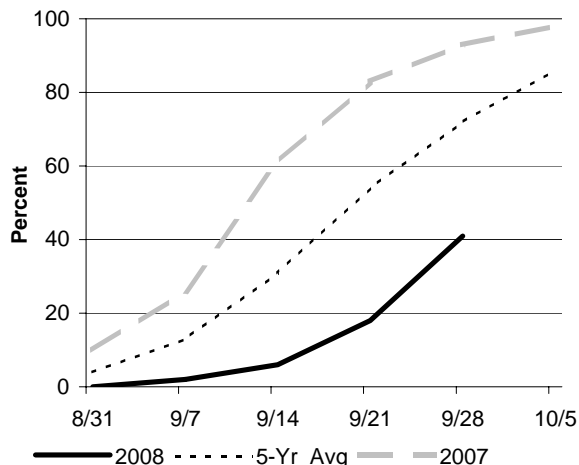
Crop Progress as of September 28, 2008					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Dent	97	95	100	97
	Mature	41	18	93	72
	Harvested	1	0	13	6
Corn Silage	Harvested	80	62	94	82
Soybeans	Turning Yellow	98	92	100	98
	Dropping Leaves	86	53	98	89
	Mature	44	8	91	69
	Harvested	8	1	32	22
	Moisture	13	12	13	14
Sugarbeets	Harvested	9	6	14	12
Potatoes	Harvested	56	44	68	64
Sweet Corn	Harvested	91	83	100	96
Canola	Harvested	85	78	100	95
Dry Beans	Harvested	69	48	64	62

Crop Condition as of September 26, 2008					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Corn	4	8	23	54	11
Soybeans	3	8	29	51	9
Potatoes	0	1	5	58	36
Sugarbeets	1	2	22	49	26
Sunflowers	0	2	27	59	12
Pasture	7	16	40	36	1

**SOYBEANS DROPPING LEAVES
AUGUST 24 - SEPTEMBER 28**



**CORN MATURE
AUGUST 31 - OCTOBER 5**



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING September 28, 2008:
 Temperatures averaged from 6.1 degrees above normal in the Northeast District to 9.8 degrees above normal in the South Central District.
 Extremes: 32 degrees in Hibbing; 90 degrees in Montevideo. Precipitation averaged from 0.28 inch below normal in the South Central District to 1.52 inches above normal in the Northeast District. Greatest weekly total was 2.82 inches recorded in Grand Marais.

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 9/22/2008 through 9/28/2008

	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	79	37	59.8	6.6	.40	-.08	2.44	.82	1975	-156
Moorhead	81	40	61.8	7.5	.40	-.09	3.03	6.52	2198	-37
Warroad	74	39	55.9	5.4	.87	.30	1.60	2.84	1717	-138
<u>NC DIST 2</u>										
Grand Rapids	78	42	59.9	8.3	2.50	1.80	1.28	.15	1919	58
Intl. Falls	75	34	55.0	5.3	.66	.01	1.33	1.94	1557	-174
Itasca	77	37	59.6	9.9	.24	-.42	.85	1.68	1780	35
<u>NE DIST 3</u>										
Duluth	79	44	58.0	6.5	2.29	1.42	.23	1.77	1635	-26
Grand Marais	71	47	57.9	5.9	2.82	2.06	.61	6.98	1215	-105
Hibbing	78	32	56.2	6.0	1.80	1.08	.01	-1.21	1612	-85
<u>WC DIST 4</u>										
Alexandria	86	48	63.2	9.0	1.21	.64	.39	-1.39	2146	-2
Browns Valley	84	41	63.2	7.2	.53	.13	1.59	3.27	2262	-112
Canby	89	46	65.4	7.4	.25	-.28	-1.33	-2.97	2452	-55
Dalton	86	46	64.6	9.1	1.34	.87	.78m	1.12m	2208m	-15m
Fergus Falls	80	40	61.4	7.2	.52	.05	1.01	.45	2150	-26
Montevideo	90	43	66.2	9.7	.40	-.08	.68	-2.88	2334	-40
Morris	88	45	64.1	8.7	.60	.12	.77	-1.91	2178	-121
<u>CENT DIST 5</u>										
Becker	84	45	63.8	9.3	.76	.12	2.07	-.78	2313	146
Collegeville	85	47	65.4	7.8	1.12	.44	-.34	.68	2392	-27
Hutchinson	85	47	65.6	8.9	.16	-.29	.41	-1.11	2367	-19
Olivia	86	42	64.2	8.5	0	-.57	.28	.19	2225	-95
St. Cloud	84	42	61.8	7.8	.77	.17	.54	.21	2189	77
Staples	82	43	62.8	10.1	.85	.25	.29	-2.32	1921	7
Willmar	86	45	64.6	8.7	.31	-.27	-.03	-3.58	2322	2
<u>EC DIST 6</u>										
Aitkin	82	51	64.4	12.4	1.05	.42	-.09	-2.14	1958	150
Forest Lake	85	49	65.5	9.6	.81	.13	-.61	-1.71	2330	57
Hinckley	80	44	60.0	8.2	2.08	1.38	3.45	6.35m	1768	-127
MSP Airport	84	50	66.0	8.5	.67	.13	-.76	-4.92	2653	167
St. Paul - UofM	84	47	66.3	7.2	.61	-.05	-1.15	-7.14	2594	31
<u>SW DIST 7</u>										
Lamberton	88	43	66.0	9.2	.03	-.51	-.65	-3.76	2425	8
Pipestone	87	38	64.8	9.1	.10	-.51	-1.23	-2.17	2237	-91
Redwood Falls	88	46	66.4	8.1	.35	-.15	.08	-2.24	2460	-103
Worthington	84	44	65.2	9.5	.74	.22	-.36	.68	2366	95
<u>SC DIST 8</u>										
Faribault	84	49	66.8	10.6	.34	-.30	-1.87	-2.65	2350	33
Mankato	86	50	67.1	10.1	.43	-.20	-1.82	-5.49	2373	-41
Waseca	84	47	65.8	9.0	.28	-.37	-1.83	-2.60	2341	-17
Winnebago	86	49	67.6	9.6	.28	-.26	-1.39	-3.96	2505	58
<u>SE DIST 9</u>										
Preston	83	42	66.1	9.7	.20	-.52	-2.29	4.50	2319	84
Red Wing	85	48	66.1	8.9	.35	-.38	-1.86	-3.07	2410	8
Rochester	82	50	66.2	10.5	1.07	.44	-1.49	-.78	2371	171
Rosemount	83	49	64.9	8.1	.92	.20	-1.11	-3.90	2327	33
Winona	82	48	66.3	8.6	.06	-.65	-2.24	.96	2312	-129

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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