



Released: September 20, 2004
 Issue No. CW-38-04

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

MINNESOTA AGRICULTURAL STATISTICS SERVICE IN COOPERATION WITH THE NATIONAL WEATHER SERVICE
 TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, FSA, NRCS, DNR

HEAVY RAINS CAUSED FLOODING IN SOUTH CENTRAL

Warm weather improved crop development, however, heavy rains caused flooding, according to the Minnesota Agricultural Statistics Service. Areas of Freeborn, Mower, and Dodge counties reported flooding due to heavy rains on the 14th and 15th of the month. Fields were submerged in some places in the southern region of the state as crops and homes alike were damaged. Drier weather in the Northwest helped spring wheat harvest advance to 69% complete; still behind normal.

The average temperature for the week was 63.6 degrees, 5.6 degrees above normal. Statewide topsoil moisture supplies as of September 17th were rated 1% very short, 4% short, 72% adequate, and 23% surplus.

Corn in the dent stage was 66%, which is behind the five year average of 97%. Soybeans were 75% turning yellow, behind the five year average of 91%.

Corn condition was rated 52% good to excellent compared to 48% last week. Soybeans were rated 41% in good to excellent condition, unchanged from last weeks rating.

Barley was 88% harvested, compared to 97% for the five year average.

Potatoes were 50% harvested which was ahead of the five year average of 35%.

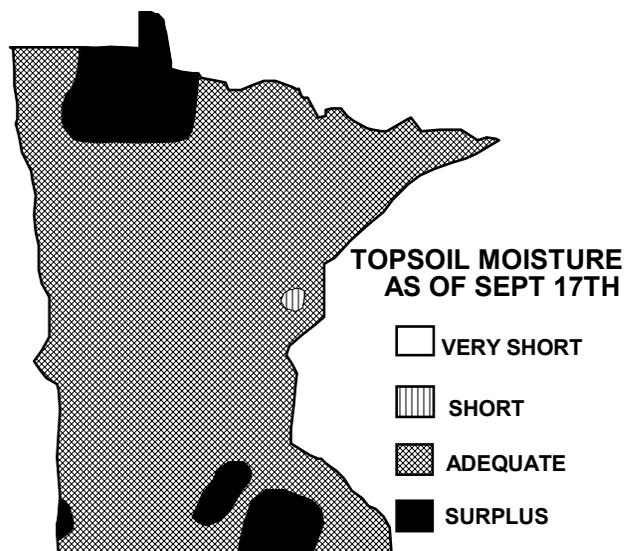
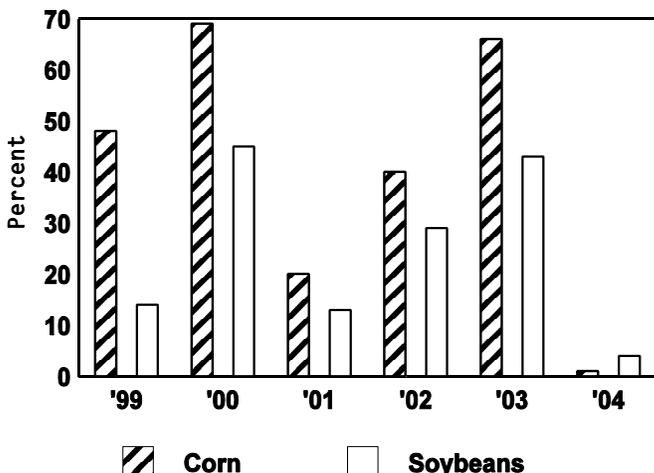
Sweet corn was 76% harvested, below the five year average of 91%.

Canola was 62% harvested, compared to the five year average of 83%.

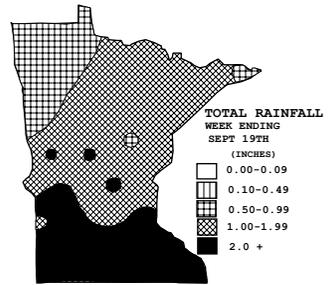
Sugarbeets were 4% harvested compared to 7% last year and 6% for the five year average.

Days Suitable for Fieldwork : 3.8					
		Very Short	Short	Ade-quate	Sur-plus
Topsoil Moisture (%)		1	4	72	23
Crop Progress as of September 19, 2004					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
----- Percent -----					
Corn	Dough	96	86	99	99
	Dent	66	40	98	97
	Mature	1	0	66	49
Field Corn	Cut for Silage	17	13	86	74
Soybeans	Turning Yellow	75	54	96	91
	Dropping Leaves	29	10	80	66
	Mature	4	0	43	29
Spring Wheat	Harvested	69	50	99	96
Barley	Harvested	88	77	99	97
Potatoes	Harvested	50	46	46	35
Canola	Harvested	62	52	98	83
Sweet Corn	Harvested	76	70	90	91
Sugarbeets	Harvested	4	NA	7	6
Crop Condition as of September 17 in Percent					
	Very Poor	Poor	Fair	Good	Exc
Pasture	2	10	38	43	7
Dry Beans	21	25	36	15	3
Corn	3	9	36	44	8
Soybeans	5	12	42	36	5
Sunflowers	7	16	50	25	2
Sugarbeets	1	5	25	57	12

CORN & SOYBEANS MATURE AS OF SEPTEMBER 19th, 1999-2004



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING SEPTEMBER 19, 2004:
 Temperatures averaged from 3.1 degrees above normal in the Northeast District to 7.1 degrees above normal in the East Central District.
 Extremes: 92° in Moorhead; 36° in Hibbing. Precipitation averaged from 0.08 inch above normal in the Northwest District to 4.47 inches above normal in the South Central District. Greatest weekly total was 6.98 inches.



Precipitation and Temperature Summary for 9/13/2004 through 9/19/2004

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Since 4/1	Since Apr 29	Depart from Norm
<u>NW DIST 1</u>										
Crookston	87	38	62.8	6.1	.50	-.01	2.34	5.54	1681	-493
Moorhead	92	42	64.5	6.8	.69	.18	1.81	2.60	1933	-346
Warroad	80	43	59.6	5.8	.69	.07	1.01	6.82	1491	-394
<u>NC DIST 2</u>										
Grand Rapids	84	45	61.4	6.8	1.85	1.13	4.05	.32	1741	-156
Intl. Falls	83	42	58.8	5.9	1.60	.88	2.00	1.67	1408	-359
Itasca	83	43	60.8	7.9	1.45	.76	2.12	-1.06	1575	-199
<u>NE DIST 3</u>										
Duluth	80	44	58.6	4.1	1.09	.10	-.28	-3.51	1404	-272
Grand Marais	73	43	56.6	1.6	.95	.15	-.93	-2.09	984	-319
Hibbing	82	36	58.8	5.5	1.10	.34	.22	-4.57	1484	-242
Isabella	74	40	55.0	1.3	1.31	.47	.15	-2.17	1214	-565
<u>WC DIST 4</u>										
Alexandria	86	43	63.8	6.2	1.51	.89	-.24	-1.34	1839	-345
Browns Valley	90	38	63.6	4.1	1.59	1.17	3.97	m	m	m
Canby	88	41	64.5	3.2	1.94	1.38	3.79	3.56	2236	-305
Fergus Falls	86	42	64.2	6.6	2.00	1.51	3.97	6.21	1922	-293
Montevideo	86	39	64.0	4.4	2.48	1.97	4.89	6.69	2095	-258
Morris	86	39	62.6	3.8	2.46	1.98	2.09	1.69	1945	-397
<u>CENT DIST 5</u>										
Becker	87	47	66.0	8.6	1.65	.92	3.17	5.12	2056	-112
Hutchinson	87	44	66.2	6.2	1.79	1.27	1.31	3.80	2165	-265
Olivia	87	42	64.6	5.2	3.13	2.49	2.69	3.58	2104	-287
St. Cloud	85	45	65.2	8.0	2.09	1.42	.43	1.11	1995	-158
Staples	82	43	61.4	5.5	2.71	2.11	3.26	4.08	1688	-279
Willmar	84	46	65.2	5.9	1.82	1.18	1.38	3.73	2078	-282
<u>EC DIST 6</u>										
Aitkin	78	51	63.4	8.4	.50	-.18	1.07	-3.52	1677	-162
Forest Lake	87	45	67.0	6.5	1.76	1.00	m	m	m	m
MSP Airport	87	48	67.5	6.7	2.64	2.03	1.14	-.24	2344	-184
St. Paul - UofM	87	47	69.2	6.8	2.90	2.16	.95	.14	2376	-255
<u>SW DIST 7</u>										
Lamberton	86	42	64.4	4.3	3.19	2.60	3.71	5.89	2160	-299
Pipestone	87	40	64.4	5.3	3.36	2.71	3.22	4.78	2086	-280
Redwood Falls	89	43	66.0	4.5	2.62	2.05	2.77	7.29	2240	-369
Worthington	86	43	64.4	5.4	5.24	4.65	4.71	7.18	2146	-157
<u>SC DIST 8</u>										
Faribault	85	46	65.6	5.7	3.80	3.06	1.98	7.59	2171	-209
Mankato	88	46	66.3	6.1	4.31	3.60	4.10	9.72	2182	-271
Waseca	85	45	66.0	5.9	5.57	4.84	4.44	10.51	2233	-163
Winnebago	87	46	66.4	5.9	6.98	6.39	5.71	9.86	2190	-263
<u>SE DIST 9</u>										
Preston	81	46	64.2	4.7	4.43	3.60	2.38	11.23	2082	-178
Red Wing	85	49	66.7	6.3	3.38	2.55	1.60	3.61	2218	-221
Rochester	82	47	64.8	6.0	4.99	4.27	3.20	10.28	2092	-135
Rosemount	85	46	65.4	5.7	4.10	3.29	3.03	1.83	2184	-141
Winona	78	52	64.9	2.0	5.26	4.44	3.61	10.14	2313	-362

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 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 Minnesota Agricultural Statistics Service, 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 CROP-WEATHER REPORT, P O Box 7068, St. Paul, MN 55107.

Address Service Requested

MINNESOTA CROP-WEATHER REPORT
 Publication No. 387190

PO Box 7068, ST. PAUL MN 55107

MINNESOTA AGRICULTURAL STATISTICS SERVICE

PERIODICALS
 POSTAGE PAID