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E-mail: nass-mn@nass.usda.gov

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

USDA, NASS, MINNESOTA FIELD OFFICE, IN COOPERATION WITH THE NATIONAL WEATHER SERVICE - CHANHASSEN MN,
UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, AND USDA-NRCS

SMALL GRAIN CONDITIONS DECLINE

Small grain conditions fell as warm windy weather pushed development well ahead of last year and the five-year average, according to USDA-NASS, Minnesota Field Office.

Topsoil moisture supplies declined slightly despite rain in most areas late last week. A few isolated reports of hail were received from the West Central and Southeast districts of the state.

The average temperature for the week was 67.8°, 2.4° above normal. Statewide topsoil moisture supplies as of Friday were rated 6% very short, 26% short, 63% adequate, and 5% surplus.

As of Sunday June 18th, corn height was estimated at 18 inches, 7 inches taller than the five-year average height. Soybean height was estimated at 6 inches, 2 inches taller than the five-year average height. Seventy-nine percent of corn and 78% of soybeans were rated in good to excellent condition.

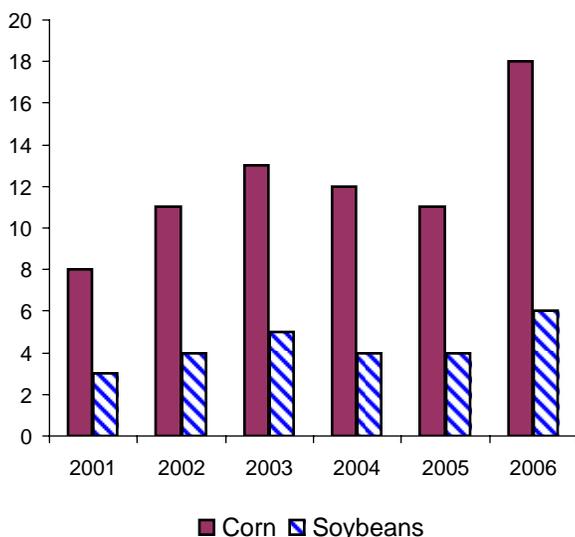
Spring Wheat was 70% jointed compared to 45% for the five-year average. Spring wheat headed was 25% compared to 7% for the five-year average. Spring Wheat condition was rated 58% Good to Excellent, down 20 percentage points from the previous week.

Days Suitable for Fieldwork: 5.3				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	6	26	63	5

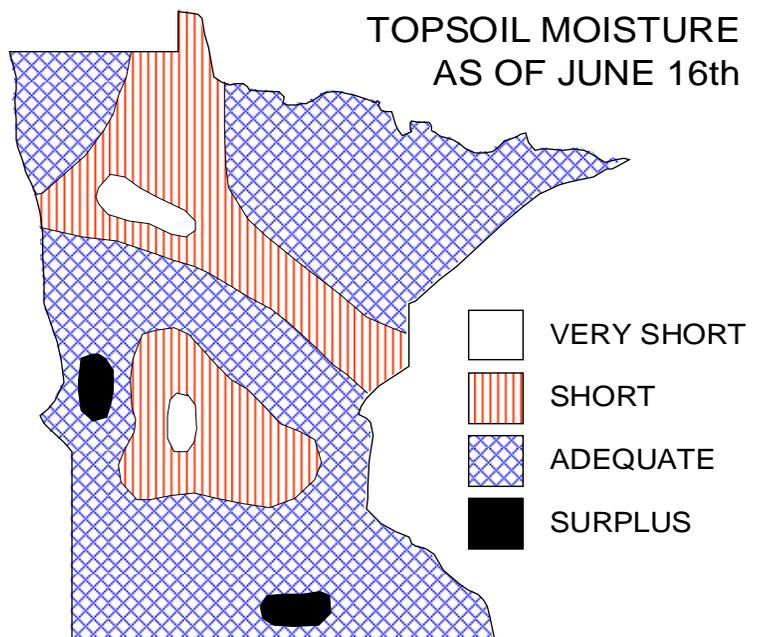
Crop Progress as of June 18, 2006					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		Percent			
Corn	Height	18	11	11	11
Soybeans	Emerged	99	91	89	92
Oats	Height	6	3	4	4
	Jointed	81	58	62	62
Barley	Heading	35	8	10	12
	Jointed	62	36	55	49
Spring Wheat	Heading	22	5	6	8
	Jointed	70	41	43	45
Sweet Corn	Planted	92	85	74	83
Alfalfa	First Cutting	90	79	47	58

Crop Condition as of June 16, 2006 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	1	9	27	51	12
Corn	1	3	17	57	22
Alfalfa	2	6	29	48	15
Spring Wheat	1	5	36	42	16
Barley	2	6	43	40	9
Oats	3	8	29	47	13
Soybeans	1	4	17	59	19
Sugarbeets	0	4	32	50	14

CORN AND SOYBEANS HEIGHT AS OF JUNE 18, 2001-2006



TOPSOIL MOISTURE AS OF JUNE 16th



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING June 18, 2006:

Temperatures averaged from 0.4 degree above normal in the Southwest District to 4.6 degrees above normal in the Northwest District. Extremes: 33 degree in Hibbing; 92 degrees in Collegeville. Precipitation averaged from 0.78 inch below normal in the Northwest District to 1.61 inches above normal in the Southwest District. Greatest weekly total was 4.31 inches recorded in Redwood Falls.

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 6/12/2006 through 6/18/2006

	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 2	Depart from Norm
<u>NW DIST 1</u>										
Crookston	86	51	69.4	4.0	0	-.85	-2.16	-1.57	633	68
Moorhead	87	50	70.2	4.2	.04	-.81	-1.24	-2.56	675	85
Warroad	84	53	68.6	5.6	.20	-.70	-2.04	-2.39	537	71
<u>NC DIST 2</u>										
Grand Rapids	84	43	67.0	4.1	.25	-.85	-1.01	-1.04	597	115
Intl. Falls	79	38	64.2	2.5	.71	-.25	-1.42	-1.39	519	65
Itasca	84	43	64.4	2.6	.07	-.97	-2.41	-.96	529	88
<u>NE DIST 3</u>										
Duluth	83	41	64.2	4.4	1.53	.51	.85	1.76	457	71
Grand Marais	72	42	55.4	2.4	.77	-.04	-1.69	-.54	244	20
Hibbing	84	33	62.4	1.3	.10	-.93	-1.87	-3.13	508	80
<u>WC DIST 4</u>										
Alexandria	85	45	69.0	3.9	.28	-.79	-1.74	-2.19	622	69
Browns Valley	86	44	65.6	-1.5	1.01	.23	-.74	1.85	619	-2
Canby	85	45	68.1	-.4	.92	-.07	-1.66	.39	692	35
Fergus Falls	86	47	67.3	1.9	1.47	.57	3.09	3.61	628	62
Montevideo	87	46	69.6	1.9	2.11	1.09	-.12	.35	703	76
Morris	83	47	67.0	.0	.53	-.42	-.93	-.25	640	25
<u>CENT DIST 5</u>										
Becker	89	44	70.2	5.1	.60	-.48	-2.48	-.94	695	140
Collegeville	92	47	71.9	4.4	1.76	.62	-.94	.63	732	87
Hutchinson	89	46	70.8	2.9	1.02	-.06	-1.60	-.10	716	70
Olivia	85	46	66.6	-1.2	2.56	1.47	-.35	.99	701	65
St. Cloud	90	44	70.4	5.3	.66	-.45	-1.68	-.28	684	129
Staples	83	43	66.0	2.9	.22	-.80	-1.92	-1.76	579	77
Willmar	88	45	68.9	1.5	1.22	-.05	-2.72	-1.58	705	82
<u>EC DIST 6</u>										
Aitkin	82	37	67.0	4.7	.50	-.52	-1.44	-.64	575	111
Forest Lake	90	46	69.6	2.9	1.64	.54	.70	2.16	705	98
MSP Airport	88	49	72.9	4.5	1.24	.20	-1.12	1.86	781	120
St. Paul - UoFM	89	48	72.6	3.4	2.80	1.60	-.10	2.05	774	82
<u>SW DIST 7</u>										
Lamberton	88	45	67.8	-1.1	2.38	1.46	4.69	5.63	699	33
Pipestone	86	42	67.4	.2	1.65	.71	-.40	-.63	655	42
Redwood Falls	88	47	70.2	.5	4.31	3.33	2.19	2.52	735	29
Worthington	87	42	67.8	.7	2.02	.90	-1.00	3.14	702	101
<u>SC DIST 8</u>										
Faribault	87	45	68.4	1.0	.46	-.53	-1.92	-1.95	682	74
Mankato	86	44	68.3	.1	2.25	.88	1.79	1.93	705	58
Waseca	89	45	68.9	1.0	.74	-.24	1.30	2.33	719	78
Winnebago	88	46	68.7	.3	1.26	.17	-2.02	1.37	738	84
<u>SE DIST 9</u>										
Preston	87	40	67.8	1.3	.11	-.98	-1.11	2.92	614	40
Red Wing	88	46	69.0	1.4	.23	-.72	-1.49	-2.35	705	74
Rochester	88	47	71.1	4.9	.10	-.83	-.49	1.07	691	115
Rosemount	88	48	69.0	1.9	.69	-.39	-2.28	-1.10	678	75
Winona	89	48	69.8	-.3	.27	-.64	-1.65	-2.41	674	-39

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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