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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

**CROP PROGRESS CONTINUED AS EXPECTED**

Minnesota crops progressed normally during the week, maintaining the pace ahead of the five-year average, according to USDA, NASS, Minnesota Field Office. Above normal temperatures and mostly adequate soil moisture, aided crop development with exception of a few pockets of heavy rain. Herbicide applications were underway where field conditions and calm weather permitted. General crop conditions across the state improved slightly from last week.

The average temperature for the week was 64.8°, 3.3° above normal. Statewide topsoil moisture supplies as of Friday were rated 1 percent very short, 12 short, 76 adequate, and 11 surplus.

As of Sunday June 3<sup>rd</sup>, the average corn height was estimated at 8 inches, compared to the five-year average of 3 inches. Soybeans were 87 percent emerged, compared to 56 percent average.

Spring wheat acreage was 23 percent jointed, compared to 11 percent average. Sweet corn was 78 percent planted, compared to 64 percent average. Dry beans were 90 percent planted, compared to 73 percent average.

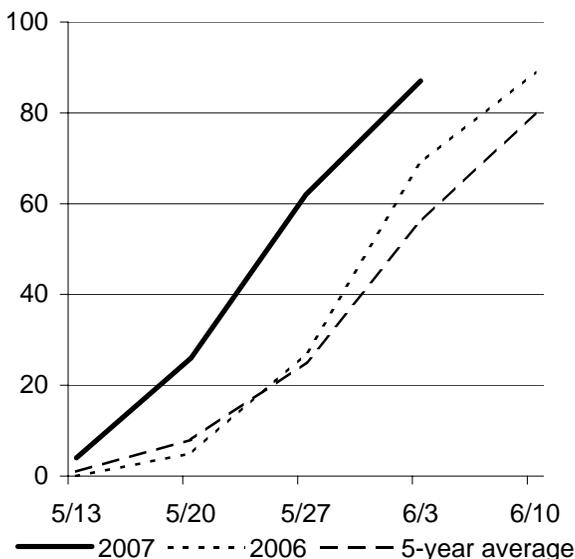
Eighty-seven percent of field corn was rated in Good or Excellent condition. Seventy-seven percent of soybeans were rated in Good or Excellent condition. Pasture improved slightly to 69 percent Good or Excellent condition.

Days Suitable for Fieldwork: 4.0				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	1	12	76	11

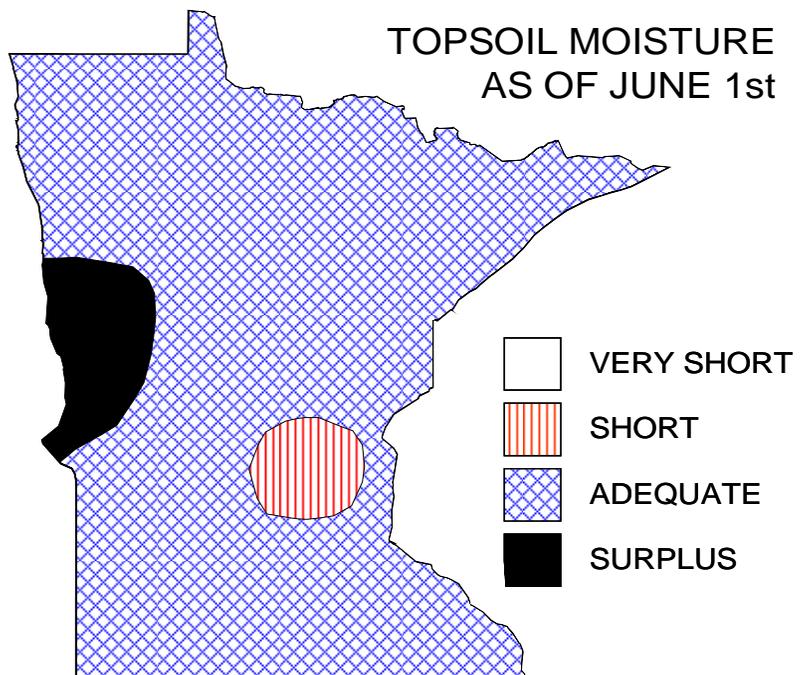
Crop Progress as of June 3, 2007					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Emerged	98	95	94	91
	Height	8	4	5	3
Soybeans	Emerged	87	62	69	56
	Height	2	N/A	2	1
Spring Wheat	Jointed	23	4	14	11
	Headed	0	N/A	0	0
Oats	Jointed	40	15	26	18
	Headed	0	N/A	0	0
Barley	Jointed	24	6	14	11
	Headed	0	N/A	0	0
Alfalfa	1st Cutting	36	12	51	21
Sweet Corn	Planted	78	65	69	64
Dry Beans	Planted	90	66	85	73
Sunflowers	Planted	98	95	88	77

Crop Condition as of June 1, 2007 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	1	6	24	58	11
Alfalfa	2	6	26	54	12
Corn	0	2	11	63	24
Soybeans	1	3	19	63	14
Sugarbeets	1	4	26	56	13
Spring Wheat	0	3	16	55	26
Oats	0	2	17	66	15
Barley	0	2	20	57	21

**SOYBEANS EMERGED  
MAY 13 - JUNE 10**



**TOPSOIL MOISTURE  
AS OF JUNE 1st**



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING June 3,2007:  
 Temperatures averaged from 1.3 degrees above normal in the Southwest District to 4.9 degrees above normal in the North Central District. Extremes: 28 degrees in Hibbing; 88 degrees in Moorhead, Red Wing. Precipitation averaged from 0.18 inch below normal in the South Central District to 2.50 inches above normal in the West Central District. Greatest weekly total was 4.60 inches recorded in Browns Valley.

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 5/28/2007 through 6/3/2007

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	From Norm Since 4/1	Since May 3	Depart from Norm
<u>NW DIST 1</u>										
Crookston	84	44	65.0	3.3	.57	-.15	-.49	1.65	358	28
Moorhead	88	55	67.6	5.2	1.11	.35	.11	3.32	411	65
Warroad	78	40	62.8	4.0	.21	-.53	.08	.45	312	49
<u>NC DIST 2</u>										
Grand Rapids	82	38	64.8	5.5	1.55	.67	-.27	.84	375	95
Intl. Falls	80	34	62.9	4.6	.48	-.32	.51	1.02	329	65
Itasca	80	36	62.4	4.4	1.87	1.01	1.81	3.09	350	99
<u>NE DIST 3</u>										
Duluth	78	41	61.0	4.6	1.15	.30	.54	.46	281	58
Grand Marais	65	39	50.0	-.2	.79	.08	-.09	-.08	107	-22
Hibbing	80	28	61.2	3.7	1.20	.40	-.47	-1.02	332	84
<u>WC DIST 4</u>										
Alexandria	83	51	66.6	5.3	2.90	1.99	.36	.90	404	81
Browns Valley	83	42	62.5	-.7	4.60	3.95	3.35	7.32	372	7
Canby	84	48	65.8	1.4	2.32	1.48	-.24	2.78	465	83
Fergus Falls	84	38	63.4	1.6	3.48	2.70	4.32	8.00	386	55
Montevideo	87	46	66.8	3.2	2.15	1.26	-.73	-.56	455	92
Morris	86	47	65.2	2.1	4.43	3.63	1.83	4.17	413	53
<u>CENT DIST 5</u>										
Becker	82	49	67.4	6.0	2.06	1.11	.24	-.88	443	117
Collegeville	83	52	69.3	5.4	1.36	.35	-1.75	-1.14	486	103
Hutchinson	84	54	68.5	4.5	.75	-.16	-1.23	-.90	474	96
Olivia	84	42	66.4	2.6	1.15	.24	-1.34	.12	438	68
St. Cloud	83	53	68.4	7.0	3.15	2.23	1.52	.91	450	124
Staples	81	44	63.7	4.0	3.21	2.33	3.54	4.83	354	58
Willmar	85	48	65.2	1.7	1.08	.05	-1.79	1.27	430	66
<u>EC DIST 6</u>										
Aitkin	79	48	64.4	5.8	1.35	.48	-.38	.59	363	93
Forest Lake	83	43	66.2	3.4	1.42	.46	.24	-.23	447	91
MSP Airport	83	57	69.4	5.0	1.11	.20	-.93	-2.48	495	108
St. Paul - UofM	83	55	69.0	3.8	1.02	-.03	-.82	-2.11	529	122
<u>SW DIST 7</u>										
Lamberton	84	45	66.0	1.3	.92	.09	-1.54	.09	452	65
Pipestone	81	48	63.5	.5	1.62	.75	-1.02	-.13	422	66
Redwood Falls	85	50	67.4	1.7	1.17	.32	-.89	-.27	462	48
Worthington	83	46	64.8	1.9	1.78	.82	-.80	.19	437	91
<u>SC DIST 8</u>										
Faribault	83	42	65.8	2.8	.74	-.19	.04	-1.85	448	99
Mankato	84	44	66.4	2.4	.61	-.49	-1.07	-2.91	469	93
Waseca	84	45	66.8	2.9	1.06	.11	-.08	-1.81	458	84
Winnebago	80	51	64.4	.0	.86	-.16	-1.14	-2.19	430	46
<u>SE DIST 9</u>										
Preston	83	43	65.1	3.0	1.85	.86	.25	-.40	429	101
Red Wing	88	45	67.9	4.3	1.23	.36	.74	-1.55	467	99
Rochester	87	50	67.7	5.6	1.54	.69	.40	-2.09	461	128
Rosemount	83	52	67.4	4.6	.96	-.06	-.38	-1.37	448	100
Winona	82	47	66.6	.9	.92	.05	1.05	-.03	439	22

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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