



Released: June 5, 2006

Issue No: CW-22-06

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

**CROP DEVELOPMENT ADVANCED RAPIDLY**

Crop development advanced further beyond the five-year average pace aided by warm temperatures and mostly adequate topsoil moisture, according to USDA-NASS, Minnesota Field Office. Small grains were nearly all emerged and moving into the jointing stage. Corn and soybean growth showed good progress while the first alfalfa cutting advanced 35 percentage points from the previous week.

The average temperature for the week was 69.8°, 8.0° above normal. Statewide topsoil moisture supplies as of Friday, June 2<sup>nd</sup>, were rated 3% very short, 19% short, 72% adequate, and 6% surplus.

As of Sunday June 4<sup>th</sup>, corn was estimated at 96% emerged with an average height of 6 inches, 3 inches higher than the five-year average. Soybeans were 75% emerged, 22 percentage points ahead of the five-year average. Soybean height was estimated at 2 inches.

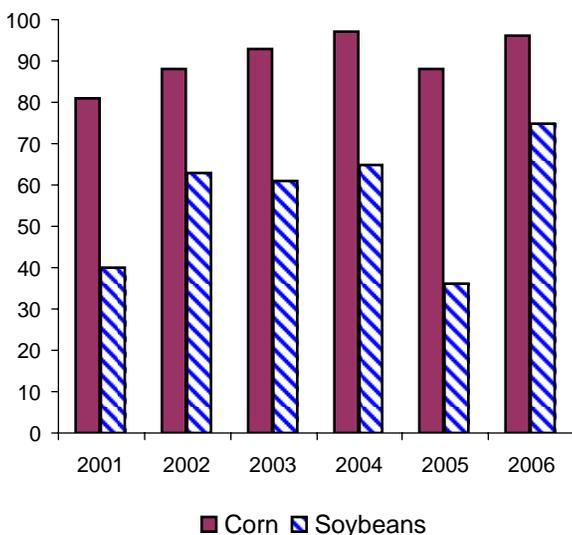
Spring Wheat was 96% emerged compared 94% last year and 88% for the five-year average. Spring wheat was 16% jointed, compared to 8% last year, and 11% for the five-year average.

Days Suitable for Fieldwork: 6.5				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	3	19	72	6

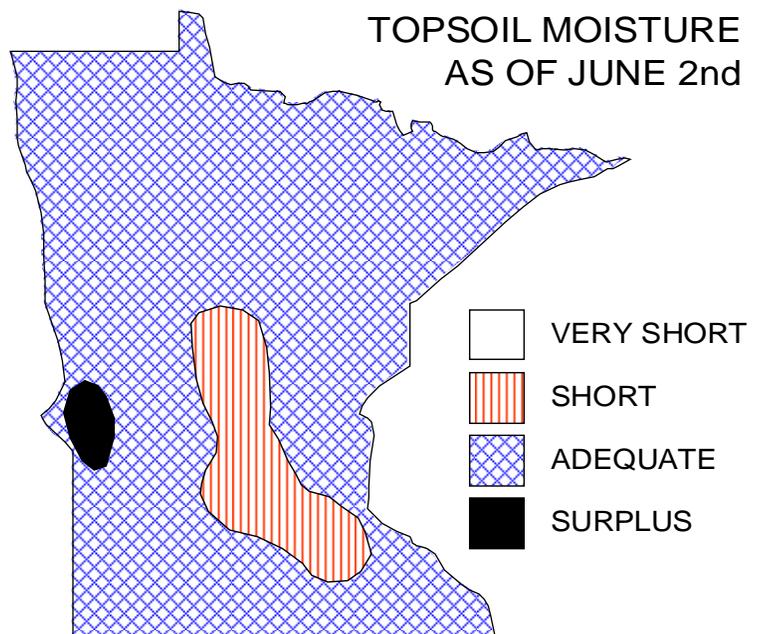
Crop Progress as of June 4, 2006					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
Corn	Emerged	96	81	88	89
	Height	6	NA	3	3
Soybeans	Planted	96	87	80	88
	Emerged	75	30	36	53
Oats	Height	2	NA	1	1
	Emerged	99	92	94	91
Barley	Jointed	29	7	19	16
	Planted	97	94	99	95
Spring Wheat	Emerged	95	71	93	87
	Jointed	16	3	11	11
Sweet Corn	Planted	96	77	94	88
	Jointed	16	2	8	11
Green Peas	Planted	71	58	55	65
Alfalfa	Planted	98	87	88	92
Alfalfa	First Cutting	56	21	8	17
Potatoes	Planted	98	93	95	93
Canola	Planted	94	79	89	82
Sunflowers	Planted	92	65	65	71
Dry Beans	Planted	88	70	49	72

Crop Condition as of June 2, 2006 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	1	4	21	55	19
Corn	1	3	16	62	18
Alfalfa	1	2	16	60	21
Spring Wheat	1	2	12	64	21
Barley	0	1	13	69	17
Oats	0	2	16	64	18
Soybeans	1	3	15	65	16

**CORN AND SOYBEANS EMERGED AS OF JUNE 4, 2001-2006**



**TOPSOIL MOISTURE AS OF JUNE 2<sup>nd</sup>**



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING June 4, 2006:  
 Temperatures averaged from 5.5 degrees above normal in the Northeast District to 10.0 degrees above normal in the South Central District. Extremes: 39 degrees in Hibbing; 99 degrees in Olivia. Precipitation averaged from 0.94 inch below normal in the South Central District to 0.05 inch below normal in the Northeast District. Greatest weekly total was 1.5 inches recorded in Duluth.

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 5/29/2006 through 6/4/2006

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Since Norm 6/4	Since May 2	Depart from Norm
<u>NW DIST 1</u>										
Crookston	95	47	69.4	7.4	.04	-.70	-.55	-.68	382	32
Moorhead	87	47	69.2	6.5	.52	-.25	-.97	-1.37	427	60
Warroad	85	47	66.4	7.2	.52	-.23	-.66	-.95	312	32
<u>NC DIST 2</u>										
Grand Rapids	89	48	66.6	7.1	.44	-.46	-.33	-.98	374	77
Intl. Falls	89	40	62.5	4.0	.49	-.32	-.92	-.92	324	44
Itasca	94	45	66.1	7.8	.02	-.85	-.50	.07	325	59
<u>NE DIST 3</u>										
Duluth	79	48	64.5	7.9	1.58	.71	1.32	.88	270	34
Grand Marais	85	42	55.2	4.9	.02	-.70	-.68	-.03	145	8
Hibbing	88	39	61.6	3.8	.67	-.15	-1.03	-2.12	319	56
<u>WC DIST 4</u>										
Alexandria	85	48	68.2	6.6	.10	-.83	-1.59	-1.58	386	43
Browns Valley	89	46	67.0	3.5	.17	-.49	-.85	1.86	387	-1
Canby	95	53	73.8	9.1	0	-.85	-1.63	1.10	438	32
Fergus Falls	95	52	70.7	8.6	.03	-.76	1.83	2.25	390	39
Montevideo	88	54	71.6	7.7	0	-.91	-1.64	-.63	451	65
Morris	88	53	71.0	7.6	.04	-.77	-.24	.34	399	16
<u>CENT DIST 5</u>										
Becker	97	54	72.8	11.1	.43	-.53	-1.65	.15	429	83
Collegeville	92	52	72.8	8.6	.09	-.94	-2.55	-.19	465	59
Hutchinson	96	56	73.5	9.2	.15	-.78	-1.41	.54	438	37
Olivia	99	57	74.6	10.5	.36	-.57	-1.99	.04	450	57
St. Cloud	92	51	70.5	8.8	.14	-.80	-2.00	-.09	431	85
Staples	95	46	68.4	8.5	.14	-.75	-1.38	-1.37	356	42
Willmar	98	56	74.0	10.2	.09	-.97	-2.30	-.53	440	54
<u>EC DIST 6</u>										
Aitkin	91	50	67.7	8.8	.83	-.05	.37	.21	346	60
Forest Lake	95	55	73.0	9.9	.24	-.73	-1.32	-.06	446	68
MSP Airport	94	59	74.8	10.1	.07	-.85	-1.90	1.61	492	81
St. Paul - UoFM	95	55	75.4	9.9	.28	-.79	-1.05	.94	489	56
<u>SW DIST 7</u>										
Lamberton	96	55	74.4	9.4	.09	-.75	-.96	-.29	445	34
Pipestone	94	52	71.8	8.5	.44	-.44	-1.51	-.57	416	38
Redwood Falls	91	56	73.8	7.8	.11	-.75	-2.04	-1.03	475	35
Worthington	94	56	75.7	12.5	0	-.98	-1.49	3.10	438	70
<u>SC DIST 8</u>										
Faribault	95	53	73.2	9.8	.10	-.84	-1.59	-1.70	419	48
Mankato	95	55	73.4	9.1	.02	-1.11	-2.68	-1.63	447	47
Waseca	96	57	75.0	10.8	.17	-.78	-1.22	-.38	456	59
Winnebago	95	55	75.0	10.5	0	-1.03	-2.55	1.60	470	66
<u>SE DIST 9</u>										
Preston	91	48	67.8	5.4	.31	-.68	-.87	2.80	374	26
Red Wing	96	54	72.9	9.0	1.36	.48	-.84	-1.06	434	43
Rochester	95	54	71.0	8.6	.24	-.62	-1.51	.23	430	76
Rosemount	95	55	72.6	9.5	.13	-.89	-2.09	-.37	418	48
Winona	93	55	72.6	6.5	.14	-.73	-1.16	-2.08	404	-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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WEEKLY NEWS REPORT  
 Minnesota Crop-Weather Report  
 Publication No. 387190

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