



Released: August 21, 2006

Issue No: CW-33-06

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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

SMALL GRAINS HARVEST NEARED COMPLETION

Oat, Barley, and Spring Wheat harvests neared completion this past week, nearly three weeks earlier than the five-year average, according to USDA, NASS, Minnesota Field Office. Corn, soybean, and sunflower conditions improved as cooler temperatures and scattered showers increased topsoil moisture supplies. Topsoil moisture supplies rose to 47% adequate, an increase of 10 percentage points from the previous week. Pasture condition rating improved slightly from the previous week.

The average temperature for the week was 67.1°, 0.8° below normal. Statewide topsoil moisture supplies as of Friday were rated 21% very short, 31% short, 47% adequate, and 1% surplus.

As of Sunday August 20th, an estimated 75% of corn acreage was in the dough stage, 27 percentage points ahead of the five-year average. Corn denting was at 25%, 13 percentage points ahead of the five year average. Corn crop condition was rated 55% good or excellent, an increase of 4 percentage points from the previous week. Soybeans turning yellow was estimated at 8% compared to 2% for the average.

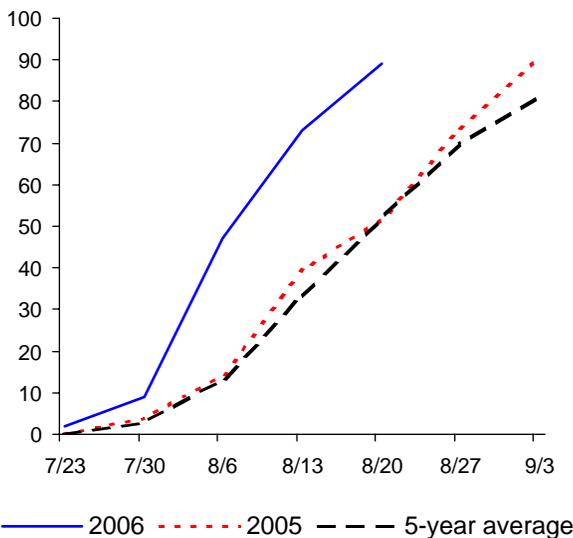
Spring Wheat was 89% harvested, 37 percentage points ahead of the five-year average. The sweet corn harvest was 52% complete, 12 percentage points ahead of average. Potatoes were 27% harvested, 16 percentage points ahead of the five-year average. Sunflower crop condition was rated 64% good or excellent, an increase of 12 percentage points from the previous week.

Days Suitable for Fieldwork: 6.4				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	21	31	47	1

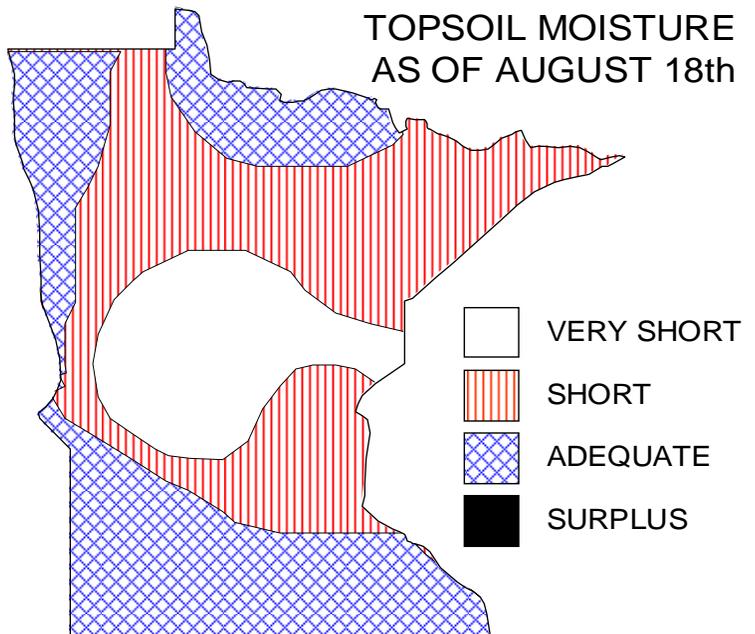
Crop Progress as of August 20, 2006					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		Percent			
Corn	Milk	97	92	98	90
	Dough	75	50	65	48
	Dent	25	5	19	12
Field Corn	Cut for Silage	1	NA	0	1
Soybeans	Turning Yellow	8	2	3	2
	Dropping Leaves	1	NA	0	0
Oats	Harvested	97	94	89	82
Barley	Harvested	95	89	93	68
Spring Wheat	Harvested	89	73	52	52
Potatoes	Harvested	27	19	14	11
Canola	Harvested	59	36	45	23
Sweet Corn	Harvested	52	32	42	40

Crop Condition as of August 18, 2006 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	25	22	34	17	2
Corn	8	13	24	41	14
Soybeans	6	10	23	44	17
Alfalfa	18	21	31	27	3
Sugarbeets	2	10	30	44	14
Dry Beans	11	20	38	22	9
Potatoes	2	10	23	30	35
Sunflowers	2	6	28	60	4
Canola	0	7	37	43	13

**PERCENT OF SPRING WHEAT HARVESTED
JULY 23 - SEPTEMBER 3**



**TOPSOIL MOISTURE
AS OF AUGUST 18th**



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING AUGUST 20, 2006:

Temperatures averaged from 1.6 degrees below normal in the South Central District to 1.4 degrees above normal in the Northeast District. Extremes: 38 degrees in Hibbing; 89 degrees in Browns Valley. Precipitation averaged from 0.47 inch below normal in the East Central District to 0.09 inch above normal in the Southeast District. Greatest weekly total was 2.25 inches recorded in Preston.

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 8/14/2006 through 8/20/2006

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	From Norm 4/1	Since May 2	Depart from Norm
<u>NW DIST 1</u>										
Crookston	84	50	66.7	-1.6	.13	-.54	.71	-4.04	1912	148
Moorhead	86	49	68.3	-1.0	.30	-.27	.86	-4.82	2048	204
Warroad	80	49	63.9	-1.9	.13	-.52	.15	-3.82	1701	158
<u>NC DIST 2</u>										
Grand Rapids	86	47	66.2	1.0	1.27	.45	.45	-4.43	1835	285
Intl. Falls	82	39	62.0	-2.0	.20	-.51	-.62	-3.50	1574	118
Itasca	83	45	63.6	-1.0	.25	-.60	-1.91	-5.69	1717	266
<u>NE DIST 3</u>										
Duluth	84	49	66.7	2.9	.85	-.10	-.09	-1.59	1640	294
Grand Marais	78	51	64.8	1.8	.21	-.48	-.98	-3.30	1253	276
Hibbing	84	38	63.4	-.4	.35	-.42	-.49	-7.44	1556	146
<u>WC DIST 4</u>										
Alexandria	84	53	69.2	1.2	1.09	.26	-.63	-5.63	2022	257
Browns Valley	89	41	67.7	-2.5	.27	-.36	.60	-.21	1986	39
Canby	86	55	70.2	-1.0	.40	-.23	1.38	-.35	2134	99
Fergus Falls	84	51	67.6	-1.0	1.03	.31	.63	1.26	1969	183
Montevideo	83	51	68.9	-1.0	0	-.72	.37	1.09	2042	103
Morris	83	48	67.0	-2.2	.07	-.68	-2.28	-5.87	1963	71
<u>CENT DIST 5</u>										
Becker	85	53	68.8	1.5	.12	-.86	-1.51	-5.91	2133	383
Collegeville	85	53	69.8	-.4	1.00	.12	-.69	-3.25	2208	233
Hutchinson	85	53	68.9	-.5	.70	-.23	-.47	-3.19	2146	180
Olivia	84	40	61.8	-6.8	.33	-.45	.33	-1.30	2026	110
St. Cloud	84	49	67.6	.3	.12	-.80	-1.18	-4.17	2008	258
Staples	81	45	64.8	-.9	.64	-.07	.71	-3.98	1817	236
Willmar	83	50	68.5	-.4	.41	-.47	-1.55	-5.78	2111	203
<u>EC DIST 6</u>										
Aitkin	82	48	65.4	.6	1.34	.45	-.79	-5.29	1804	307
Forest Lake	86	52	68.6	-.0	.52	-.53	.71	-1.25	2115	251
MSP Airport	85	58	71.4	.7	.08	-.86	1.48	-.07	2354	321
St. Paul - UoFM	84	54	70.0	-1.2	.04	-.97	3.01	2.17	2298	212
<u>SW DIST 7</u>										
Lamberton	83	52	68.5	-.9	1.31	.54	.85	5.43	2069	79
Pipestone	83	48	67.8	-1.7	.14	-.56	2.47	-1.57	1999	91
Redwood Falls	84	53	69.1	-2.0	.01	-.82	1.05	1.20	2130	32
Worthington	83	52	67.5	-.8	.77	-.03	1.49	1.68	2079	215
<u>SC DIST 8</u>										
Faribault	84	53	67.2	-1.7	1.58	.56	.10	-4.71	2067	173
Mankato	83	54	67.7	-2.3	.51	-.52	.16	-1.63	2081	105
Waseca	82	51	67.6	-1.4	1.26	.19	.70	2.05	2110	180
Winnebago	83	55	68.4	-1.2	.96	-.02	2.21	1.88	2140	165
<u>SE DIST 9</u>										
Preston	83	49	67.6	-.7	2.25	1.18	-.44	1.17	1929	114
Red Wing	88	54	69.0	-1.0	.63	-.26	.94	-4.38	2118	158
Rochester	82	54	67.4	-.5	.66	-.32	-1.04	-1.62	2045	248
Rosemount	80	54	67.0	-1.7	.62	-.44	.15	-2.55	2073	202
Winona	85	58	69.8	-2.1	1.67	.73	.48	-4.09	2138	-28

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.

Address Service Requested

WEEKLY NEWS REPORT
Minnesota Crop-Weather Report
Publication No. 387190

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