



Released: August 20, 2007

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

Issue No: CW-33-07

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

RAPID SPRING WHEAT HARVEST DESPITE MIDWEEK SHOWERS

Harvest of spring wheat and canola progressed rapidly in the northwest corner of the state despite midweek precipitation, according to USDA, NASS, Minnesota Field Office. Showers received through Friday, helped to improve topsoil moisture supplies, more notably in central and southern Minnesota. While pasture conditions improved slightly, corn and soybean conditions were relatively unchanged from the previous week.

The average temperature for the week was 65.3°, 2.8° below normal. Statewide topsoil moisture supplies as of Friday were rated 30 percent very short, 38 short, 30 adequate, and 2 surplus.

As of Sunday Aug 19th, 73 percent of corn acreage was in the dough stage compared to 51 percent for the five-year average. Corn in the dent stage was 37 percent compared to 13 percent average. Corn cut for silage progressed rapidly, nearly two weeks ahead of the five-year average pace. Ninety-seven percent of soybeans were setting pods compared to 94 percent average. Six percent of soybeans were beginning to yellow. Eighty-one percent of spring wheat and 96 percent of oats were harvested.

As of Friday, Aug 17th, 33 percent of field corn, and 43 percent of soybean were rated in good or excellent condition. Eighty-nine percent of potatoes, 66 percent of sunflowers, and 61 percent of sugarbeets were rated in good or excellent condition.

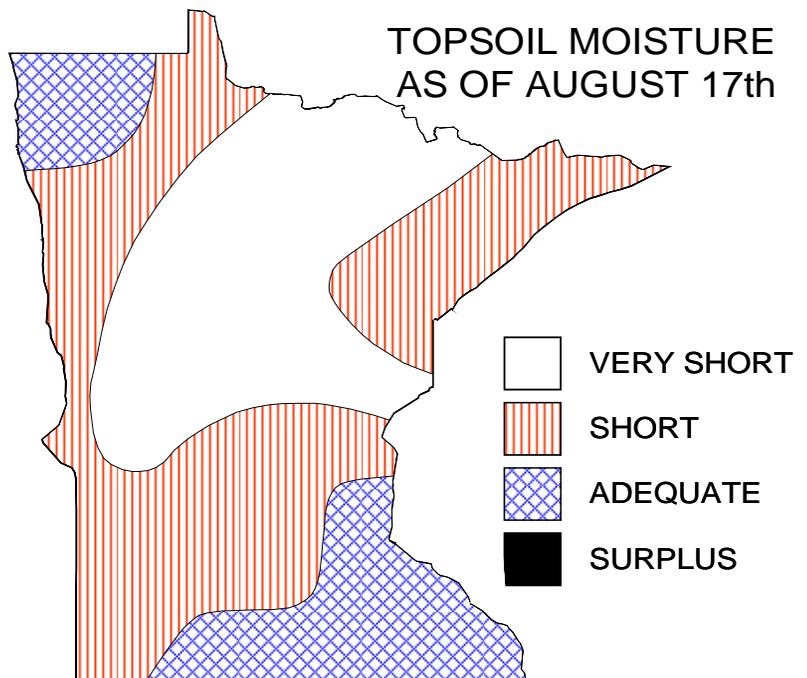
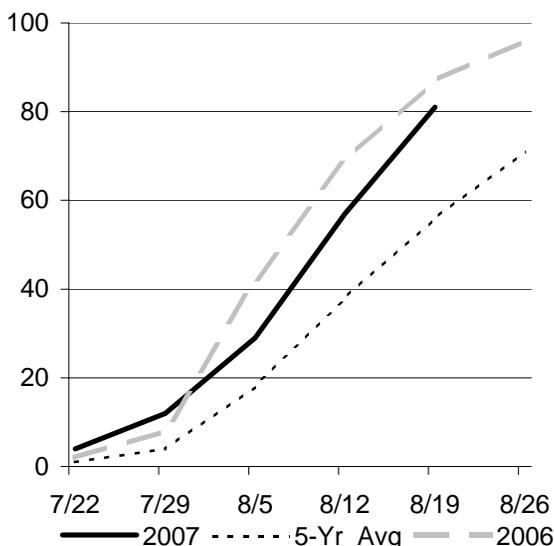
Topsoil moisture supplies and crop conditions represented in this report are as of Friday, August 17th. Effects of severe weekend precipitation will be included in the August 27th report.

Days Suitable for Fieldwork: 5.5				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	30	38	30	2

Crop Progress as of August 19, 2007					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
Corn	Dough	73	58	71	51
	Dent	37	18	22	13
	Silage	16	NA	1	1
Soybeans	Setting Pods	97	91	99	94
	Turning Yellow	6	3	7	3
Spring Wheat	Harvested	81	57	87	56
Oats	Harvested	96	91	97	81
Barley	Harvested	96	89	94	69
Sweet Corn	Harvested	49	38	49	40
Potatoes	Harvested	23	16	26	15
Canola	Harvested	35	5	56	29

Crop Condition as of August 17, 2007 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	36	32	21	11	0
Corn	15	21	31	27	6
Soybeans	9	16	32	33	10
Sugarbeets	3	7	29	49	12
Potatoes	0	1	10	60	29
Dry Beans	6	10	34	46	4
Canola	1	7	22	52	18
Sunflowers	1	6	27	44	22

**SPRING WHEAT HARVESTED
JULY 22 - AUGUST 26**



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING August 19,2007:
 Temperatures averaged from 5.9 degrees below normal in the Northwest District to 0.2 degrees below normal in the Southwest District. Extremes: 33 degrees in Hibbing; 92 degrees in Canby, Lamberton, Pipestone, Redwood Falls. Precipitation averaged from 0.79 inch below normal in the Northeast District to 5.57 inch above normal in the Southeast District. Greatest weekly total was 8.35 inches recorded in Rochester.

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 8/13/2007 through 8/19/2007

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 4/1	Since May 3	Depart from Norm
<u>NW DIST 1</u>										
Crookston	80	40	62.0	-6.6	.27	-.41	-1.24	1.43	1824	78
Moorhead	84	47	63.6	-6.0	.31	-.26	-1.01	3.09	2024	198
Warroad	76	43	61.0	-5.1	.14	-.52	-1.57	2.03	1676	148
<u>NC DIST 2</u>										
Grand Rapids	84	46	62.6	-2.8	.29	-.54	-2.53	-6.12	1811	276
Intl. Falls	78	35	57.4	-6.9	.06	-.64	-2.04	-.90	1517	75
Itasca	82	40	60.3	-4.6	.04	-.81	-2.18	.34	1718	282
<u>NE DIST 3</u>										
Duluth	82	46	62.0	-2.1	.04	-.91	-3.11	-5.73	1545	213
Grand Marais	85	45	61.0	-2.1	.01	-.68	-2.60	-4.12	898	-66
Hibbing	81	33	58.2	-5.8	0	-.77	-3.45	-8.04	1525	129
<u>WC DIST 4</u>										
Alexandria	84	52	64.8	-3.4	.09	-.74	-2.72	-6.88	2007	259
Browns Valley	88	49	64.8	-5.6	.93	.29	.24	5.34	1913	-15
Canby	92	53	68.4	-3.0	1.53	.90	1.08	-.49	2133	118
Fergus Falls	83	43	65.4	-3.4	.41	-.32	-1.78	2.84	1977	209
Montevideo	89	53	66.3	-3.8	2.18	1.46	3.64	-1.08	2069	149
Morris	85	49	65.2	-4.2	.83	.07	-.95	-1.46	1963	90
<u>CENT DIST 5</u>										
Becker	86	52	67.3	-.3	1.14	.16	-.30	-5.69	2114	381
Collegeville	84	52	66.8	-3.7	1.93	1.05	1.76	-3.65	2211	255
Hutchinson	82	48	66.6	-3.0	M	M	-.11m	-5.38m	2137	190
Olivia	91	52	67.2	-1.6	1.45	.67	.63	-2.77	2042	144
St. Cloud	85	48	64.8	-2.8	2.18	1.26	.41	-3.21	2017	284
Staples	84	44	62.8	-3.1	.05	-.67	-1.90	-1.76	1808	243
Willmar	91	54	68.4	-.7	.90	.02	-.43	-4.30	2105	215
<u>EC DIST 6</u>										
Aitkin	80	45	62.3	-2.7	.48	-.41	-1.62	-6.36	1759	277
Forest Lake	86	49	67.1	-1.8	3.07	2.01	.07	-4.16	2081	235
MSP Airport	86	58	68.9	-2.0	4.68	3.74	3.64	-1.49	2332	319
St. Paul - UofM	86	55	68.8	-2.6	2.08	1.07	-.89	-7.67	2330	265
<u>SW DIST 7</u>										
Lamberton	92	51	68.4	-1.2	2.35	1.57	.37	-1.94	2100	129
Pipestone	92	54	69.5	-.2	1.70	1.00	.96	-4.24	2065	176
Redwood Falls	92	54	68.2	-3.1	5.15	4.32	3.08	-1.06	2141	63
Worthington	89	55	69.6	1.1	6.21	5.40	5.13	1.65	2095	249
<u>SC DIST 8</u>										
Faribault	87	53	68.2	-.9	3.15	2.13	3.84	-2.92	2098	222
Mankato	88	45	64.9	-5.3	5.38	4.35	4.32	-3.78	2110	153
Waseca	86	54	69.5	.3	6.37	5.30	5.27	2.13	2086	175
Winnebago	88	55	71.1	1.2	4.46	3.48	3.09	-4.49	2063	90
<u>SE DIST 9</u>										
Preston	87	53	68.0	-.5	7.38	6.30	9.03	5.55	1928	131
Red Wing	85	54	68.8	-1.5	3.97	3.08	3.78	-1.28	2118	177
Rochester	85	55	67.6	-.5	8.35	7.36	8.36	3.62	2080	301
Rosemount	85	54	67.9	-1.0	4.62	3.56	2.55	-2.37	2127	274
Winona	83	56	67.8	-4.3	6.60	5.66	10.21	7.06	2049	-96

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.

PRESENT STD
 POSTAGE & FEES PAID
 USDA
 PERMIT NO. G-38

USDA, NASS, Minnesota Field Office
 P O Box 7068, ST. PAUL MN 55107
 WEEKLY NEWS REPORT
 Minnesota Crop-Weather Report
 Publication No. 387190
 Address Service Requested