



Released: November 5, 2007

Issue No: CW-43-07

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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

**HARVEST CONTINUED RAPIDLY**

The corn and sunflower harvests continued rapidly, aided by warm temperatures and favorable weather, according to USDA, NASS, Minnesota Field Office. There was an average of 6.2 days suitable for fieldwork during the week as sun and wind helped dry down crops and reduce wet field conditions. The soybean harvest was nearly completed while fall tillage and fertilizer applications were in full swing.

The average temperature for the week was 44.2°, 6.5° above normal. Statewide topsoil moisture supplies as of Friday were rated 1 percent very short, 3 short, 79 adequate, and 17 surplus.

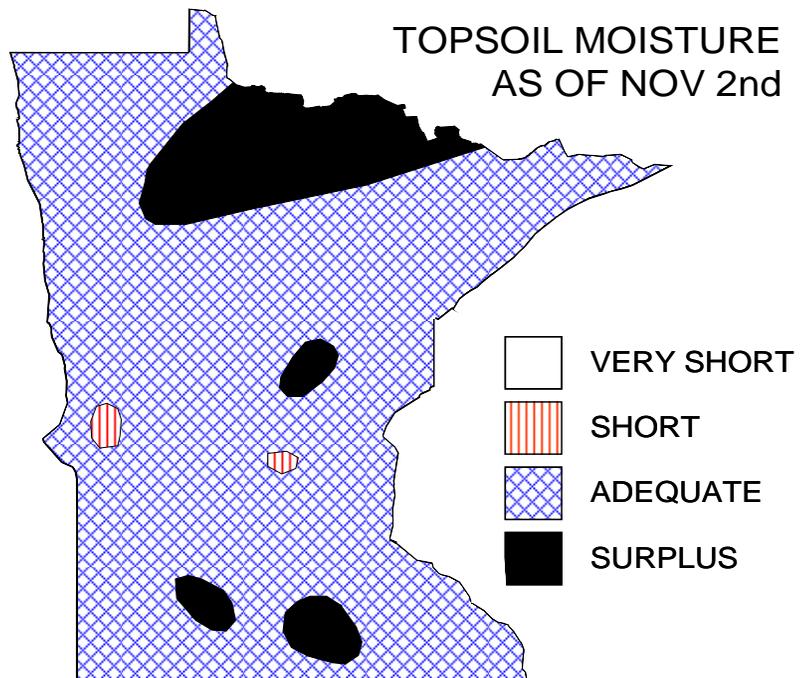
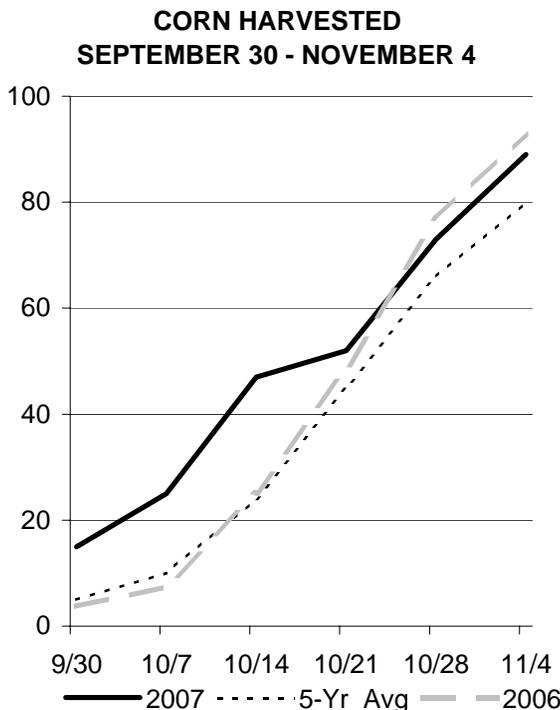
As of Sunday, Nov 4<sup>th</sup>, eighty-nine percent of corn for grain was harvested compared to 80 percent for the five-year average. Moisture content of corn harvested for grain was estimated at 16 percent. Ninety-seven percent of soybeans were harvested compared to 97 percent average. Sunflowers were 83 percent harvested, compared to 75 percent average.

As of Friday, Nov 2<sup>nd</sup>, fifty percent of pasture was rated in good or excellent condition.

Days Suitable for Fieldwork: 6.2				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	1	3	79	17

Crop Progress as of November 4, 2007					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
Corn	Harvested	89	73	93	80
	Moisture	16	17	N/A	N/A
Soybeans	Harvested	97	93	100	97
Sunflowers	Harvested	83	62	94	75

Crop Condition as of November 2, 2007 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	3	12	35	44	6



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING November 4, 2007:  
 Temperatures averaged from 5.2 degrees above normal in the South Central District to 7.7 degrees above normal in the North Central District.  
 Extremes: 18 degrees in International Falls; 74 degrees in Canby.  
 Precipitation averaged from 0.53 inch below normal in the South Central District to 0.26 inch below normal in the North Central District.  
 Greatest weekly total was 0.42 inch recorded in International 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 10/29/2007 through 11/4/2007

	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	65	24	40.8	6.2	.08	-.24	1.29	3.64	2452	117
Moorhead	66	25	42.5	6.5	.04	-.31	-.14	4.18	2761	301
Warroad	68	22	39.0	5.8	.06	-.27	2.53	3.28	2205	190
<u>NC DIST 2</u>										
Grand Rapids	67	25	44.0	8.6	.08	-.42	1.31	-1.85	2425	380
Intl. Falls	67	18	39.5	6.2	.42	.05	1.36	1.77	2001	111
Itasca	68	25	41.0	8.2	.06	-.40	1.48	1.78	2285	392
<u>NE DIST 3</u>										
Duluth	63	24	43.9	8.1	.03	-.48	2.98	-1.90	2128	299
Grand Marais	55	31	43.3	5.1	.04	-.46	2.47	4.74	1350	-115
Hibbing	65	19	40.4	6.6	.06	-.36	1.64	-8.10	2083	227
<u>WC DIST 4</u>										
Alexandria	65	27	42.6	6.1	0	-.40	.27	-6.05	2722	360
Browns Valley	69	27	43.8	5.7	0	-.36	1.11	9.02	2679	58
Canby	74	31	48.0	7.6	0	-.46	1.66	.19	2992	195
Fergus Falls	68	23	43.5	7.2	0	-.39	.86	1.49	2668	276
Montevideo	72	24	46.0	7.5	0	-.41	-.13	.82	2933	300
Morris	67	24	42.4	5.0	0	-.43	1.64	3.86	2714	178
<u>CENT DIST 5</u>										
Becker	67	27	44.6	7.6	0	-.48	.72	-1.46	2944	612
Collegeville	67	31	47.8	8.0	0	-.49	1.60	-1.41	3075	369
Hutchinson	69	25	46.0	7.0	0	-.44	1.57	-.76	3042	387
Olivia	71	25	44.4	6.1	0	-.38	1.79	.35	2907	334
St. Cloud	66	23	43.7	6.7	0	-.44	.23	-1.43	2800	468
Staples	67	21	40.6	5.0	0	-.49	2.15	3.17	2443	333
Willmar	68	25	43.4	5.3	0	-.44	1.40	1.34	2923	354
<u>EC DIST 6</u>										
Aitkin	63	28	44.1	7.9	0	-.51	2.99	-.93	2567	566
Forest Lake	68	28	46.5	7.0	0	-.53	.44	.63	2947	409
MSP Airport	70	32	48.2	7.7	0	-.49	.19	4.37	3259	484
St. Paul - UofM	70	31	49.4	7.5	0	-.55	.41	-1.31	3318	424
<u>SW DIST 7</u>										
Lamberton	73	24	45.0	5.6	0	-.39	1.60	2.06	3010	321
Pipestone	68	20	41.8	3.7	0	-.44	1.85	-.05	2925	350
Redwood Falls	72	27	47.1	6.6	0	-.42	.93	3.42	3049	180
Worthington	69	27	45.8	7.7	0	-.43	2.49	8.14	2953	438
<u>SC DIST 8</u>										
Faribault	70	27	45.2	5.7	0	-.50	.58	.83	3007	433
Mankato	70	26	45.7	5.6	0	-.53	.96	-1.80	3028	333
Waseca	70	23	43.9	4.4	0	-.57	.37	5.97	3017	387
Winnebago	72	26	45.8	5.1	0	-.51	1.70	-1.13	3024	286
<u>SE DIST 9</u>										
Preston	68	22	44.5	4.3	0	-.51	.62	9.68	2828	334
Red Wing	70	29	47.2	7.1	0	-.45	.23	2.46	3048	366
Rochester	69	28	47.3	8.3	0	-.49	.80	9.08	3007	556
Rosemount	70	23	45.2	5.6	0	-.58	.20	.45	2995	432
Winona	69	32	47.8	4.4	0	-.51	.16	6.97	2952	-52

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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 PO Box 7068, ST. PAUL MN 55107  
 WEEKLY NEWS REPORT  
 Minnesota Crop-Weather Report  
 Publication No. 387190  
 Address Service Requested