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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

**RAIN SLOWS SOYBEAN HARVEST PROGRESS**

More rain and wet field conditions slowed harvest progress during the past week, according to USDA, NASS, Minnesota Field Office. With only 3.7 days suitable for fieldwork across the state, precipitation limited harvest progress for soybeans, potatoes, and dry edible beans. The corn harvest however, progressed rapidly with nearly one-fourth of the crop being taken during the week. Topsoil moisture supplies continued to rise with nearly 75 percent of the state rated as adequate. Crop condition ratings improved for both sugarbeets and pasture.

The average temperature for the week was 47.8°, 0.8° below normal. Statewide topsoil moisture supplies as of Friday were rated 0 percent very short, 4 short, 73 adequate, and 23 surplus.

As of Sunday, Oct 14<sup>th</sup>, forty-seven percent of corn for grain was harvested compared to 24 percent average. Moisture content of corn harvested for grain was estimated at 19 percent compared to 21 percent average. Eighty-four percent of soybeans were harvested compared to 73 percent average. Moisture content of soybeans harvested was estimated at 13 percent, compared with 12 percent average. Sugarbeets were 72 percent harvested, compared to 73 percent average.

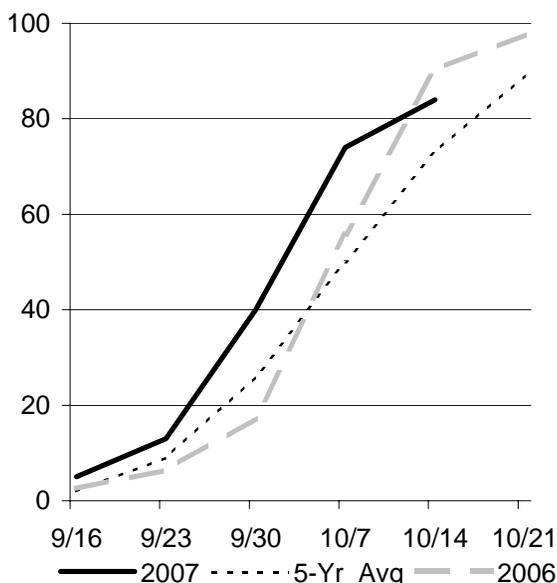
As of Friday, Oct 12<sup>th</sup>, 47 percent of field corn was rated in good or excellent condition. Fifty percent of pasture, 69 percent of sugarbeets, and 73 percent of sunflowers were rated in good or excellent condition.

Days Suitable for Fieldwork: 3.7				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	0	4	73	23

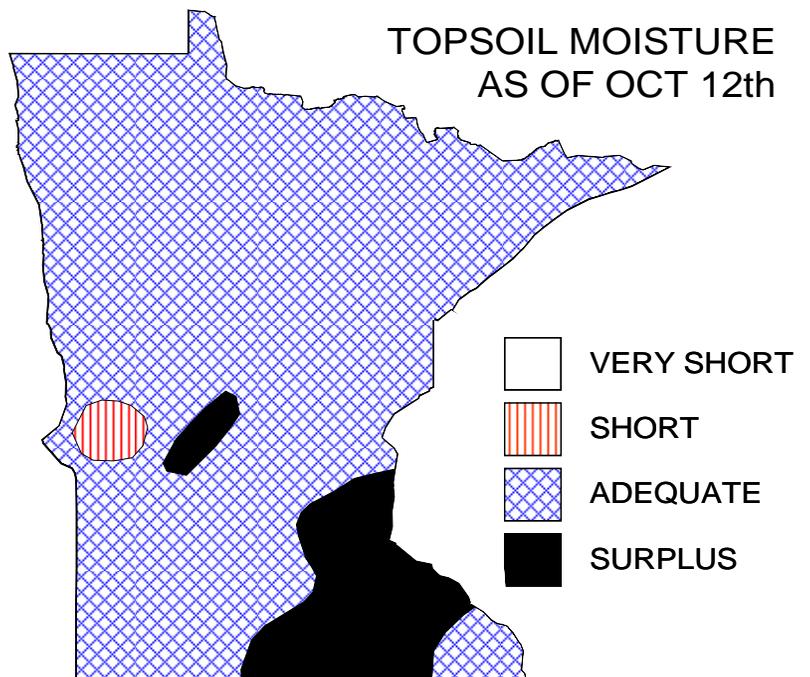
Crop Progress as of October 14, 2007					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
Corn	Harvested	47	25	25	24
	Moisture	19	20	19	21
Soybeans	Harvested	84	74	90	73
	Moisture	13	12	11	12
Sugarbeets	Harvested	72	42	71	73
Potatoes	Harvested	90	82	91	86
Dry Beans	Harvested	94	89	95	91
Sunflowers	Harvested	19	15	34	28

Crop Condition as of October 12, 2007 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	4	14	32	42	8
Corn	10	13	30	39	8
Sugarbeets	3	5	23	51	18
Sunflowers	0	5	22	54	19

**SOYBEANS HARVESTED  
SEPTEMBER 16 - OCTOBER 21**



**TOPSOIL MOISTURE  
AS OF OCT 12th**



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING October 14,2007:  
 Temperatures averaged from 2.5 degrees below normal in the North Central District to 1.0 degree above normal in the East Central District.  
 Extremes: 24 degrees in Hibbing; 83 degrees in Forest Lake, Mankato.  
 Precipitation averaged from 0.30 inch above normal in the East Central District to 0.93 inch above normal in the Southwest District. Greatest weekly total was 2.41 inches recorded in Worthington.

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 10/8/2007 through 10/14/2007

	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	59	34	43.8	-3.1	1.22	.78	.53	3.12	2383	91
Moorhead	61	37	48.2	.0	.34	-.13	.80	4.18	2684	274
Warroad	58	32	42.3	-2.5	2.15	1.72	1.21	2.47	2164	185
<u>NC DIST 2</u>										
Grand Rapids	62	32	44.3	-2.0	1.22	.57	2.77	-2.59	2369	366
Intl. Falls	55	25	39.6	-4.6	.73	.26	2.28	.67	1969	114
Itasca	56	33	43.2	-.9	1.36	.75	1.34	1.04	2240	378
<u>NE DIST 3</u>										
Duluth	65	31	43.0	-2.9	1.26	.69	3.96	-4.19	2083	296
Grand Marais	60	36	46.3	-.3	1.29	.68	6.16	2.95	1317	-106
Hibbing	64	24	42.0	-2.5	.97	.37	1.30	-9.36	2038	217
<u>WC DIST 4</u>										
Alexandria	59	37	45.9	-2.0	.41	-.11	2.91	-6.43	2667	351
Browns Valley	62	34	46.8	-2.6	.35	-.06	3.27	7.85	2590	24
Canby	62	36	49.1	-2.6	1.62	1.13	1.72	-.34	2898	175
Fergus Falls	62	26	45.6	-2.2	1.50	1.02	.97	1.64	2600	254
Montevideo	63	37	47.8	-2.1	.05	-.41	3.57	.54	2843	271
Morris	61	37	46.8	-2.0	1.36	.81	5.58	3.02	2644	159
<u>CENT DIST 5</u>										
Becker	81	34	48.7	.8	1.04	.54	4.52	-1.65	2851	569
Collegeville	63	35	47.0	-4.5	1.67	1.09	3.35	-1.92	2984	350
Hutchinson	81	34	48.7	-1.4	1.13	.70	2.88	-1.62	2956	366
Olivia	80	36	49.2	-.3	1.37	.93	3.08	-.52	2810	296
St. Cloud	60	32	46.7	-1.2	.48	-.05	3.61	-1.70	2717	435
Staples	68	36	45.5	-1.4	1.02	.41	4.75	1.43	2392	326
Willmar	76	36	48.4	-1.0	1.00	.49	3.81	.44	2846	334
<u>EC DIST 6</u>										
Aitkin	68	37	53.2	6.8	1.47	.89	3.65	-3.03	2467	515
Forest Lake	83	38	51.6	1.6	.85	.27	5.92	.45	2839	368
MSP Airport	66	40	49.0	-2.3	.45	-.02	4.71	4.15	3162	459
St. Paul - UofM	79	38	51.0	-2.0	.62	.05	5.86	-1.68	3206	401
<u>SW DIST 7</u>										
Lamberton	77	34	50.7	.3	1.15	.70	3.39	1.15	2910	287
Pipestone	70	38	51.0	1.7	1.53	1.01	2.82	-.89	2844	327
Redwood Falls	63	37	48.8	-3.1	.69	.26	5.15	2.75	2943	151
Worthington	76	37	52.1	2.9	2.41	1.96	3.40	7.61	2871	415
<u>SC DIST 8</u>										
Faribault	80	36	49.8	.1	.65	.14	3.75	.40	2905	396
Mankato	83	39	51.4	.5	.78	.22	2.12	-2.53	2924	301
Waseca	79	36	50.6	.3	1.09	.53	4.08	6.13	2919	356
Winnebago	82	39	52.2	.7	1.61	1.06	3.53	-1.77	2916	252
<u>SE DIST 9</u>										
Preston	80	34	52.2	1.8	1.26	.72	1.93	9.78	2730	305
Red Wing	82	41	54.2	3.4	.73	.23	2.70	2.45	2950	340
Rochester	71	38	50.0	.5	1.80	1.30	4.59	9.58	2902	515
Rosemount	81	37	50.3	-.6	.44	-.13	2.78	.12	2909	416
Winona	81	39	54.0	.8	.71	.21	.91	7.03	2858	-53

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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