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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

WET WEATHER BROUGHT HARVEST PROGRESS TO A STANDSTILL

Harvest progress slowed to a standstill this past week, as wet field conditions prohibited farm activity in many areas of the state, according to USDA, NASS, Minnesota Field Office. Surplus soil moisture supply ratings covered more than half the state's cropland as showers drifted across Minnesota, leaving behind 1 to 3 inches of new moisture. There was an average of only 1.1 days suitable for fieldwork during the week.

The average temperature for the week was 50.8°, 5.4° above normal. Statewide topsoil moisture supplies as of Friday were rated 0 percent very short, 1 short, 45 adequate, and 54 surplus.

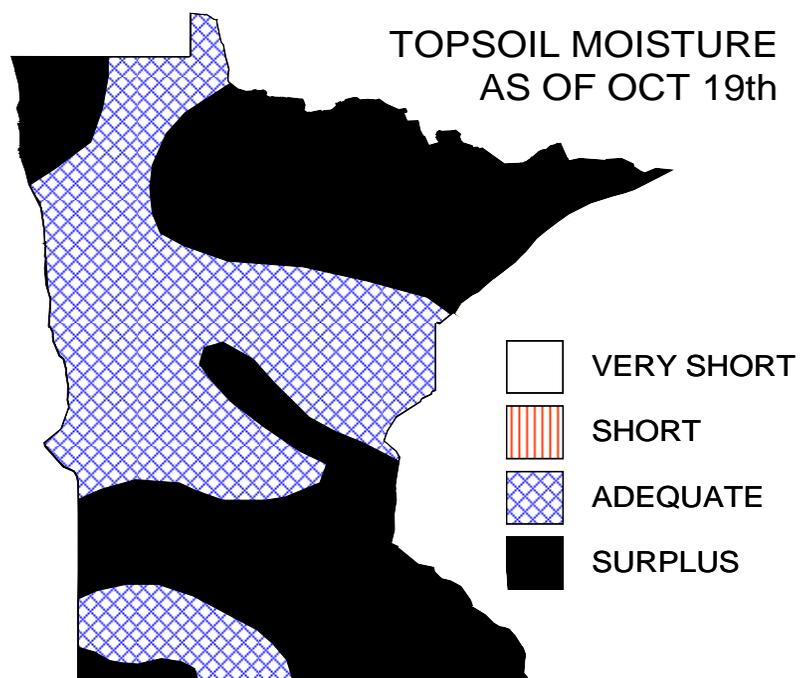
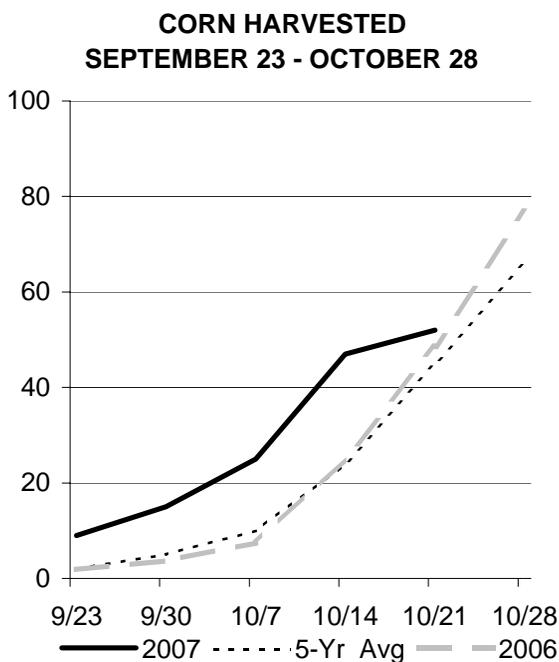
Harvest of soybeans fell behind the five-year average pace and the corn harvest progressed only slightly. As of Sunday, Oct 21st, fifty-two percent of corn for grain was harvested compared to 45 percent average. Moisture content of corn harvested for grain was estimated at 19 percent compared to 20 percent average. Eighty-six percent of soybeans were harvested compared to 89 percent average. Moisture content of soybeans harvested was estimated at 14 percent, compared with 12 percent average. Sugarbeets were 80 percent harvested, compared to 92 percent average.

As of Friday, Oct 19th, 48 percent of field corn was rated in good or excellent condition. Fifty-one percent of pasture, and 74 percent of sunflowers were rated in good or excellent condition.

Days Suitable for Fieldwork: 1.1				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	0	1	45	54

Crop Progress as of October 21, 2007					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
					Percent
Corn	Harvested	52	47	49	45
	Moisture	19	19	18	20
Soybeans	Harvested	86	84	98	89
	Moisture	14	13	11	12
Sugarbeets	Harvested	80	72	89	92
Potatoes	Harvested	94	90	96	95
Dry Beans	Harvested	95	94	99	97
Sunflowers	Harvested	30	19	45	43

Crop Condition as of October 19, 2007 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	5	12	32	42	9
Corn	10	13	29	35	13
Sunflowers	1	5	20	57	17



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING October 21,2007:
 Temperatures averaged from 3.3 degrees above normal in the West Central District to 6.6 degrees above normal in the Southeast District.
 Extremes: 26 degrees in International Falls; 76 degrees in Waseca, Winnebago. Precipitation averaged from 0.80 inch above normal in the Southeast District to 2.66 inches above normal in the Northeast District. Greatest weekly total was 3.74 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 10/15/2007 through 10/21/2007

	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	60	35	48.4	5.0	1.55	1.14	1.38	4.26	2404	92
Moorhead	64	37	49.7	5.0	1.16	.71	.67	4.89	2709	276
Warroad	58	30	46.0	4.5	1.73	1.34	3.03	3.82	2177	182
<u>NC DIST 2</u>										
Grand Rapids	61	35	48.4	5.2	2.34	1.72	2.72	-.87	2386	364
Intl. Falls	61	26	46.0	5.0	1.81	1.39	3.22	2.06	1980	109
Itasca	58	34	45.9	5.1	2.21	1.64	2.54	2.68	2251	374
<u>NE DIST 3</u>										
Duluth	59	38	48.6	5.7	3.74	3.24	5.26	-.95	2098	292
Grand Marais	57	45	51.1	7.1	3.24	2.68	6.91	5.63	1335	-107
Hibbing	62	29	47.6	6.2	2.61	2.07	2.65	-7.29	2054	217
<u>WC DIST 4</u>										
Alexandria	62	38	48.2	3.7	1.70	1.22	2.92	-5.21	2681	344
Browns Valley	68	36	48.2	2.2	2.23	1.83	1.66	9.68	2608	17
Canby	69	42	50.2	1.9	1.85	1.38	2.76	1.04	2921	166
Fergus Falls	61	40	48.5	4.1	1.08	.62	1.47	2.26	2617	250
Montevideo	69	37	51.0	4.5	1.56	1.12	2.70	1.66	2868	268
Morris	64	36	48.8	3.4	2.16	1.62	3.58	4.65	2661	153
<u>CENT DIST 5</u>										
Becker	70	39	50.9	6.3	1.62	1.14	4.01	-.50	2878	573
Collegeville	68	41	51.2	3.1	2.07	1.52	3.68	-.40	3009	343
Hutchinson	72	39	52.4	5.6	2.16	1.73	3.80	.11	2987	368
Olivia	71	38	51.4	5.3	2.05	1.64	3.92	1.13	2838	298
St. Cloud	67	36	50.6	6.0	1.68	1.18	3.08	-.52	2742	437
Staples	62	34	46.8	3.2	3.17	2.58	3.25	4.04	2403	317
Willmar	67	38	50.2	4.2	2.28	1.80	3.51	2.24	2868	330
<u>EC DIST 6</u>										
Aitkin	64	33	51.0	7.6	3.34	2.78	4.78	-.25	2501	527
Forest Lake	73	41	52.8	5.9	1.79	1.24	5.24	1.69	2874	373
MSP Airport	73	42	54.4	6.4	1.63	1.16	3.42	5.32	3203	468
St. Paul - UofM	72	41	55.4	5.7	2.01	1.46	4.19	-.22	3253	409
<u>SW DIST 7</u>										
Lamberton	75	42	52.3	5.2	2.13	1.70	5.01	2.86	2941	289
Pipestone	71	40	50.0	4.1	2.22	1.73	4.20	.84	2869	326
Redwood Falls	72	40	52.6	4.1	1.91	1.50	5.65	4.25	2975	149
Worthington	67	43	51.0	5.1	1.82	1.39	4.48	9.00	2896	413
<u>SC DIST 8</u>										
Faribault	73	39	54.4	7.8	1.89	1.41	5.09	1.81	2951	413
Mankato	74	39	53.5	5.9	2.35	1.81	4.05	-.73	2962	308
Waseca	76	39	53.6	6.7	1.52	.97	5.26	7.10	2959	366
Winnebago	76	41	53.2	5.0	2.20	1.66	5.04	-.12	2953	256
<u>SE DIST 9</u>										
Preston	73	36	53.6	6.3	1.39	.89	3.35	10.67	2772	317
Red Wing	74	42	54.4	6.8	1.30	.85	3.63	3.30	2992	350
Rochester	73	41	55.4	9.1	.94	.47	5.49	10.05	2951	536
Rosemount	73	40	52.8	5.2	1.94	1.40	3.04	1.52	2942	418
Winona	73	41	54.0	3.9	1.30	.84	2.39	7.87	2897	-54

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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