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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

CORN HARVEST NEARED COMPLETION

Minnesota's corn and sunflower harvests neared completion this past week as favorable weather persisted across the state, according to USDA, NASS, Minnesota Field Office. Producers were wrapping up harvest about 10 days ahead of the five-year average, while fall tillage and application of fertilizers were the main activities of the week. Topsoil moisture supply ratings improved to 83 percent adequate compared with 64 percent adequate last fall.

The average temperature for the week was 34.7°, 1.1° above normal. Statewide topsoil moisture supplies as of Friday were rated 1 percent very short, 6 short, 83 adequate, and 10 surplus. Subsoil moisture supplies were rated 5 percent very short, 13 short, 79 adequate, and 3 surplus.

As of Sunday, Nov 11th, ninety-seven percent of corn for grain was harvested compared to 90 percent for the five-year average. Sunflowers were 98 percent harvested, compared to 86 percent average.

As of Friday, Nov 9th, forty-one percent of pasture was rated in good or excellent condition.

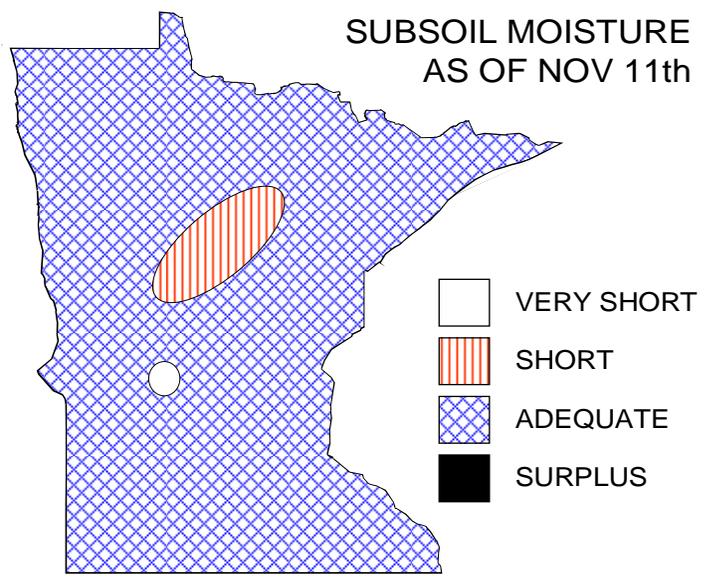
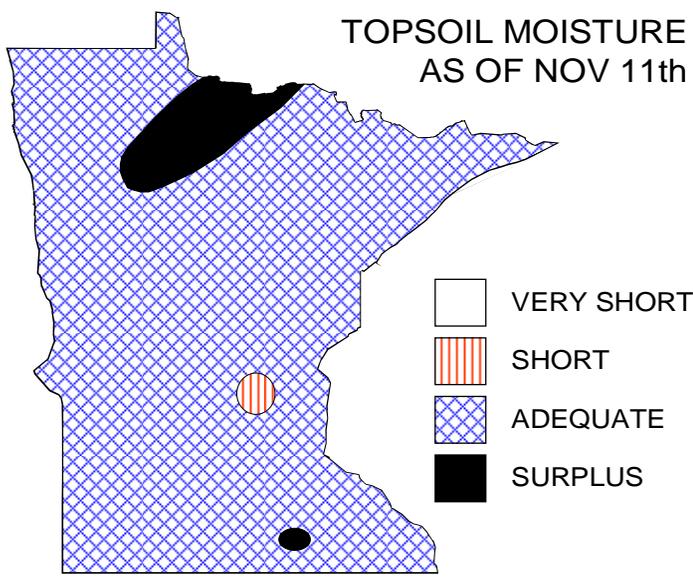
Days Suitable for Fieldwork: 6.1				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	1	6	83	10
Subsoil Moisture (%)	5	13	79	3

Crop Progress as of November 11, 2007					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Harvested	97	89	98	90
Sunflowers	Harvested	98	83	99	86

Crop Condition as of November 9, 2007 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	8	13	38	38	3

This issue of the Weekly Crop-Weather Report is the last for the 2007 growing season. A monthly report will be issued from this office near the end of each month, beginning in December and continuing through March 2008. We will begin publishing this report weekly when field activities begin in the spring. Generally, this date has been around mid-April.

We would like to thank all of the individuals who reported their local crop conditions and progress. Their efforts made this weekly publication possible. The work of the Minnesota Climatology Working Group to provide temperature, precipitation, and data on growing degree days is also greatly appreciated.



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING November 11, 2007:
 Temperatures averaged from 0.4 degrees below normal in the Southeast District to 3.4 degrees above normal in the Northwest District.
 Extremes: 17 degrees in Lamberton, Montevideo, Olivia, and Pipestone; 65 degrees in Redwood Falls. Greatest weekly total was 0.21 inch recorded in Itasca.

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 11/5/2007 through 11/11/2007

	Temperature				Precipitation				H D D		
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	From Norm Since 11/1	Since Jul 1	Depart from Norm	
<u>NW DIST 1</u>											
Crookston	48	23	32.6	2.7	.27	-.00	.51	-.18	1191	-187	225
Moorhead	61	19	35.3	3.9	0	-.30	-.30	-.49	1011	-258	205
Warroad	42	23	32.1	3.4	.15	-.16	.65	-.35	1344	-227	228
<u>NC DIST 2</u>											
Grand Rapids	52	23	34.1	3.0	.11	-.33	.42	-.55	1157	-312	214
Intl. Falls	46	24	31.6	2.6	.12	-.24	.86	-.34	1534	-90	232
Itasca	45	22	31.5	3.0	.21	-.18	.55	-.43	1343	-309	233
<u>NE DIST 3</u>											
Duluth	48	23	31.8	-.1	.16	-.38	1.91	-.66	1233	-313	230
Grand Marais	46	21	34.6	-.5	.20	-.27	1.52	-.54	1359	-196	211
Hibbing	50	22	31.4	1.7	.18	-.19	1.08	-.37	1480	-129	233
<u>WC DIST 4</u>											
Alexandria	54	21	33.6	1.3	0	-.35	.03	-.57	1028	-258	217
Browns Valley	59	23	35.1	1.1	0	-.33	.84	-.53	1035	-115	207
Canby	63	20	36.0	-.3	0	-.44	.09	-.70	856	-136	202
Fergus Falls	47	21	32.5	.5	0	-.33	-.49	-.55	1094	-197	226
Montevideo	62	17	35.5	1.3	0	-.39	-.11	-.62	874	-247	205
Morris	48	18	32.0	-1.1	0	-.35	.48	-.58	1069	-127	229
<u>CENT DIST 5</u>											
Becker	54	22	34.8	1.9	0	-.49	-.30	-.77	917	-345	210
Collegeville	57	23	36.7	1.3	0	-.46	.05	-.74	834	-184	197
Hutchinson	54	19	35.5	.6	0	-.43	.44	-.68	851	-232	204
Olivia	56	17	34.3	.1	0	-.37	.49	-.59	917	-269	212
St. Cloud	56	19	34.2	1.3	.01	-.40	-.13	-.65	971	-291	216
Staples	47	18	32.0	.8	.02	-.40	1.31	-.67	1225	-208	228
Willmar	53	20	33.8	-.0	0	-.42	.49	-.66	952	-200	216
<u>EC DIST 6</u>											
Aitkin	50	29	36.0	3.7	.18	-.30	1.80	-.60	906	-546	203
Forest Lake	59	22	36.2	.7	0	-.52	-.34	-.82	828	-314	201
MSP Airport	63	25	38.0	1.5	.01	-.48	-.27	-.77	743	-282	188
St. Paul - UofM	61	24	37.9	.2	0	-.54	-.17	-.85	705	-164	188
<u>SW DIST 7</u>											
Lamberton	62	17	36.2	.9	0	-.38	.53	-.60	866	-214	200
Pipestone	62	17	34.0	.0	0	-.41	.43	-.66	950	-224	216
Redwood Falls	65	18	36.0	-.3	0	-.42	.25	-.66	820	-175	201
Worthington	64	19	36.3	2.2	0	-.43	.10	-.68	855	-323	200
<u>SC DIST 8</u>											
Faribault	58	22	35.5	-.3	0	-.51	-.08	-.80	831	-263	205
Mankato	61	21	36.5	.5	0	-.53	.21	-.83	832	-218	196
Waseca	60	19	34.8	-.7	0	-.58	-.74	-.91	852	-234	209
Winnebago	61	19	37.6	.9	0	-.48	.16	-.78	765	-244	189
<u>SE DIST 9</u>											
Preston	57	19	35.0	-1.4	0	-.53	-.63	-.82	874	-213	209
Red Wing	57	24	36.7	.5	.06	-.40	-.39	-.66	761	-273	195
Rochester	58	22	37.0	1.9	0	-.51	-1.01	-.79	771	-384	193
Rosemount	54	21	35.6	.4	.01	-.59	-.26	-.92	833	-242	204
Winona	57	26	37.2	-2.7	0	-.54	-.60	-.84	753	-112	193

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.

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