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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 PROGRESS REGAINED MOMENTUM

Harvest of Minnesota's corn crop regained momentum during the past week as cropland began drying out after recent rains, according to USDA, NASS, Minnesota Field Office. The corn harvest was nearly three-fourths completed by Sunday as producers worked around pockets of surplus soil moisture. Aided by sunny conditions, the sunflower harvest progressed rapidly in the northwest corner of the state, while the sugarbeet harvest was wrapping up at 97 percent complete. There was an average of 4.6 days suitable for fieldwork during the week.

The average temperature for the week was 44.1°, 2.4° above normal. Statewide topsoil moisture supplies as of Friday were rated 0 percent very short, 3 short, 67 adequate, and 30 surplus.

As of Sunday, Oct 28th, seventy-three percent of corn for grain was harvested compared to 66 percent for the five-year average. Moisture content of corn harvested for grain was estimated at 17 percent. Ninety-three percent of soybeans were harvested compared to 95 percent average. Moisture content of soybeans harvested was estimated at 13 percent. Sunflowers were 62 percent harvested, compared to 62 percent average.

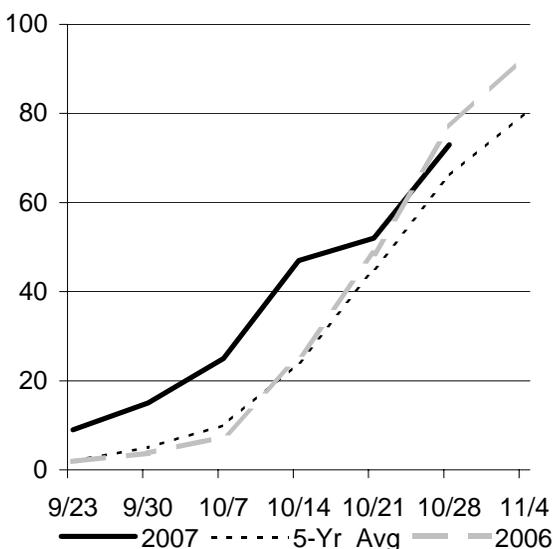
As of Friday, Oct 26th, forty-seven percent of pasture, and 68 percent of sunflowers were rated in good or excellent condition.

Days Suitable for Fieldwork: 4.6				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	0	3	67	30

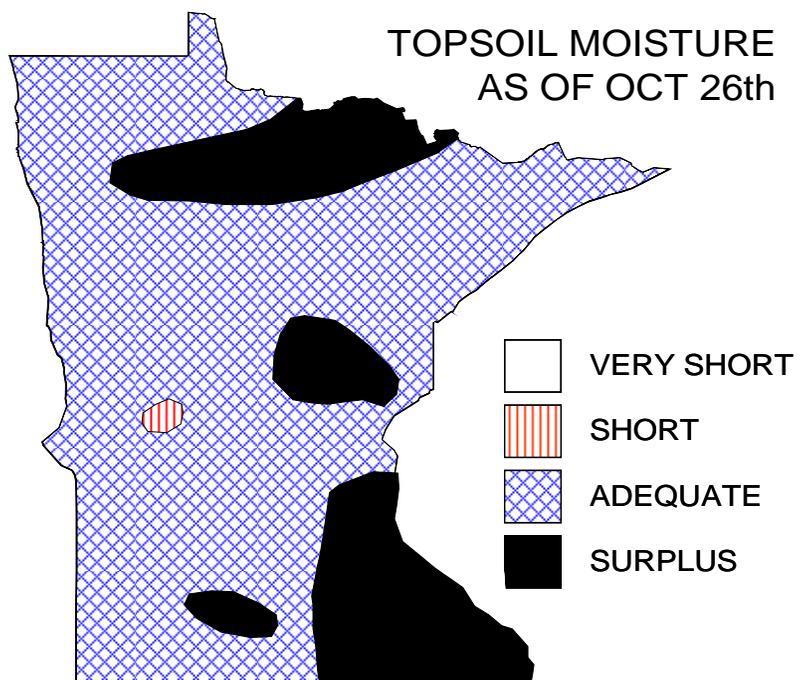
Crop Progress as of October 28, 2007					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
Corn	Harvested	73	52	77	66
	Moisture	17	19	N/A	N/A
Soybeans	Harvested	93	86	99	95
	Moisture	13	14	N/A	N/A
Sugarbeets	Harvested	97	80	98	98
Potatoes	Harvested	97	94	99	98
Sunflowers	Harvested	62	30	75	62

Crop Condition as of October 26, 2007 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	4	13	36	39	8
Sunflowers	1	7	24	55	13

**CORN HARVESTED
SEPTEMBER 23 - OCTOBER 28**



**TOPSOIL MOISTURE
AS OF OCT 26th**



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING October 28,2007:
 Temperatures averaged from 0.6 degrees above normal in the Southeast District to 4.2 degrees above normal in the Southwest District.
 Extremes: 15 degrees in Hibbing; 71 degrees in Aitkin. Precipitation averaged from 0.52 inch below normal in the South Central District to 0.35 inch below normal in the Northwest District. Greatest weekly total was 0.37 inch recorded in Aitkin.

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 10/22/2007 through 10/28/2007

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	From Norm Since 4/1	Since May 3	Depart from Norm
<u>NW DIST 1</u>										
Crookston	65	24	44.0	4.8	0	-.37	1.30	3.89	2430	104
Moorhead	68	28	45.3	4.7	0	-.40	-.09	4.49	2740	291
Warroad	65	22	40.8	3.1	.09	-.26	2.95	3.55	2192	185
<u>NC DIST 2</u>										
Grand Rapids	60	21	42.2	2.7	.01	-.56	1.83	-1.43	2404	368
Intl. Falls	65	18	38.4	1.0	.04	-.34	1.25	1.72	1989	107
Itasca	63	21	40.4	3.3	.02	-.50	1.93	2.17	2264	377
<u>NE DIST 3</u>										
Duluth	60	23	42.2	2.7	.02	-.47	4.54	-1.42	2110	290
Grand Marais	55	27	42.2	1.0	.09	-.43	6.05	5.20	1341	-115
Hibbing	61	15	38.3	.5	.04	-.44	2.25	-7.73	2065	216
<u>WC DIST 4</u>										
Alexandria	60	27	44.4	3.7	0	-.44	1.69	-5.65	2703	351
Browns Valley	68	23	44.9	2.7	.08	-.30	1.15	9.38	2645	37
Canby	68	28	46.2	1.7	.07	-.39	2.70	.65	2953	174
Fergus Falls	62	28	43.8	3.2	.04	-.39	1.24	1.87	2640	258
Montevideo	68	30	46.0	3.3	0	-.43	1.66	1.23	2898	278
Morris	63	26	43.5	1.9	.13	-.37	3.06	4.28	2685	160
<u>CENT DIST 5</u>										
Becker	68	23	45.2	4.2	0	-.47	2.69	-.98	2915	594
Collegeville	64	27	47.0	2.8	0	-.52	2.93	-.92	3042	353
Hutchinson	66	26	45.0	1.9	0	-.43	3.07	-.32	3013	372
Olivia	68	26	45.2	2.8	0	-.39	3.41	.73	2871	311
St. Cloud	64	21	43.6	2.6	0	-.47	2.09	-.99	2770	449
Staples	59	20	41.4	1.6	.17	-.38	2.57	3.66	2420	320
Willmar	65	27	45.1	2.9	0	-.46	2.89	1.78	2895	339
<u>EC DIST 6</u>										
Aitkin	71	28	46.8	6.8	.37	-.17	3.83	-.42	2543	553
Forest Lake	69	28	47.3	3.9	0	-.54	4.10	1.16	2911	388
MSP Airport	66	31	46.5	2.1	.01	-.46	1.73	4.86	3227	469
St. Paul - UofM	66	27	47.0	1.0	0	-.54	2.33	-.77	3283	410
<u>SW DIST 7</u>										
Lamberton	69	23	45.6	2.2	0	-.41	4.41	2.45	2974	300
Pipestone	67	22	42.5	.3	.01	-.45	3.57	.39	2898	336
Redwood Falls	69	25	46.2	1.5	0	-.41	4.65	3.84	3011	160
Worthington	67	28	46.0	3.8	0	-.43	3.54	8.57	2924	422
<u>SC DIST 8</u>										
Faribault	67	28	44.8	1.6	0	-.48	2.56	1.33	2976	417
Mankato	70	27	45.5	1.5	0	-.54	2.18	-1.26	2990	312
Waseca	68	26	45.0	1.7	0	-.55	3.41	6.54	2985	371
Winnebago	70	28	46.5	1.9	.03	-.50	3.01	-.62	2986	265
<u>SE DIST 9</u>										
Preston	69	22	44.2	.3	0	-.49	2.54	10.18	2798	320
Red Wing	67	32	45.8	1.8	.04	-.39	2.10	2.91	3017	351
Rochester	60	27	44.4	1.6	0	-.47	1.30	9.58	2973	537
Rosemount	67	29	45.3	1.5	.05	-.50	1.98	1.02	2966	419
Winona	68	33	45.9	-.9	.07	-.39	1.16	7.48	2919	-62

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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