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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

COOL TEMPERATURES DELAY FIELDWORK

Minnesota's spring weather brought a slow start to planting this year, according to USDA, NASS, Minnesota Field Office. During the week of April 9th to April 15th, the average temperature for the state was 34°, 7° below average. Temperatures were much warmer the following week, allowing the ground to thaw and drain. Full scale fieldwork is expected to start on April 25, 2007, five days later than last year. Of the cropland to be planted to corn, 7% was prepared for planting by Sunday, April 22, well behind the 5-year average of 19 percent.

The average temperature for the week was 52.8°, 7.9° above normal. Statewide topsoil moisture supplies as of Friday were rated 1% very short, 7% short, 74% adequate, and 18% surplus. Subsoil moisture supplies were rated 7% very short, 20% short, 61% adequate, and 12% surplus.

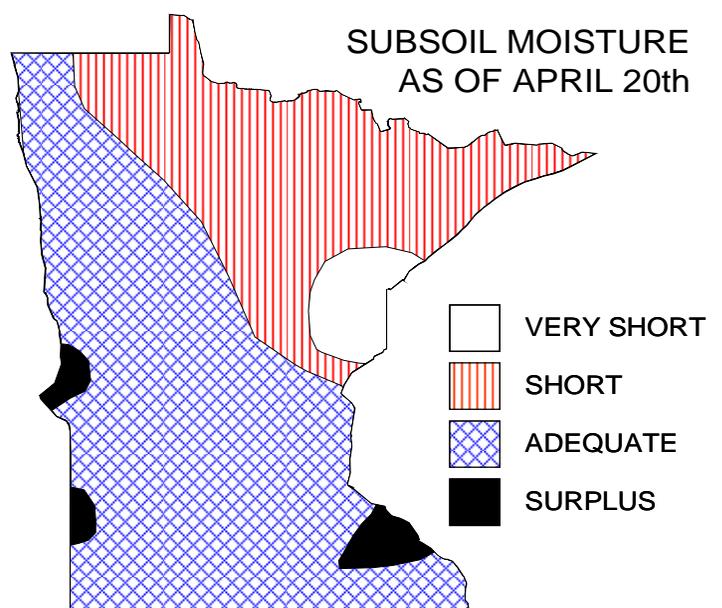
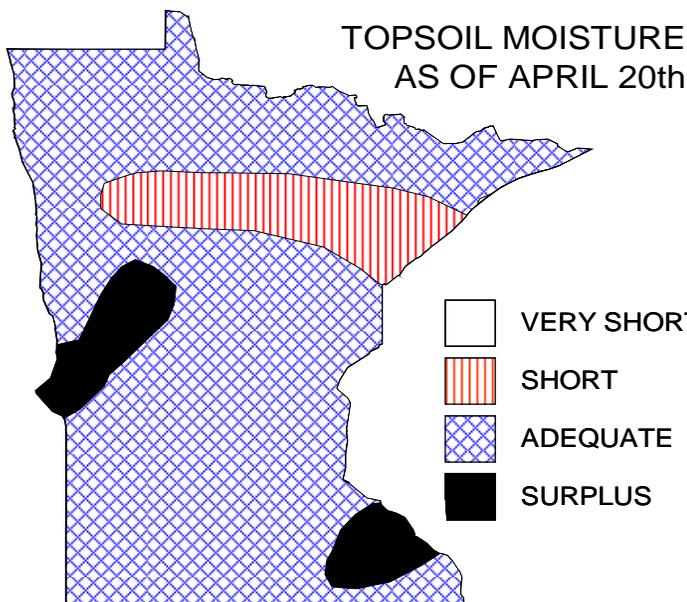
As of Sunday, April 22nd, an estimated 4% of Minnesota's spring wheat acreage was planted, compared to the 5-year average of 19 percent. On the same date last year, 14% of the spring wheat was planted.

Oat acreage was 11% planted, compared to 40% last year and 35 percent for the 5-year average. Four percent of the barley acreage was planted, compared to 17% last year, and 14% for the 5-year average.

Days Suitable for Fieldwork: 2.0				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	1	7	74	18
Subsoil Moisture (%)	7	20	61	12

Crop Progress as of April 22, 2007					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Land Prepared	7	0	20	19
Soybeans	Land Prepared	2	0	6	5
Oats	Planted	11	0	40	35
Barley	Planted	4	0	17	14
Spring Wheat	Planted	4	0	14	19
Green Peas	Planted	11	0	16	12
Potatoes	Planted	8	0	21	15

Approximate Date to Begin Full-Scale Fieldwork: April 25



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING April 22, 2007:
 Temperatures averaged from 6.2 degrees above normal in the Northwest District to 9.2 degrees above normal in the East Central District. Extremes: 21 degrees in Browns Valley, Hibbing; 84 degrees in Lamberton, Mankato. Precipitation averaged from 0.73 inch below normal in the South Central District to 1.11 inches above normal in the North Central District. Greatest weekly total was 2.00 inches recorded in Grand Rapids.

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 4/16/2007 through 4/22/2007

	Temperature				Precipitation			
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Four Weeks	From Norm Since 4/1	
<u>NW DIST 1</u>								
Crookston	71	28	47.0	3.2	.66	.33	1.58	.86
Moorhead	73	29	53.8	8.4	1.98	1.66	3.06	2.04
Warroad	70	24	46.2	6.9	.22	-.08	1.33	1.06
<u>NC DIST 2</u>								
Grand Rapids	70	27	51.8	9.0	2.00	1.56	2.40	1.58
Intl. Falls	70	24	48.1	6.9	1.15	.82	1.39	.66
Itasca	71	25	48.7	9.0	1.38	.97	2.85	1.81
<u>NE DIST 3</u>								
Duluth	69	31	48.0	7.4	1.30	.80	.99	.67
Grand Marais	65	29	44.6	4.9	.88	.57	.89	.76
Hibbing	69	21	47.7	6.6	.65	.28	.58	.30
<u>WC DIST 4</u>								
Alexandria	71	35	53.0	8.5	1.57	1.12	2.19	.95
Browns Valley	72	21	50.8	4.4	1.37	.89	3.71	2.81
Canby	82	31	53.8	6.6	.30	-.24	2.33	1.64
Fergus Falls	71	31	52.3	7.6	1.53	1.16	4.20	2.93
Montevideo	80	34	55.8	9.7	1.00	.46	3.10	.00
Morris	73	34	52.6	6.6	.81	.33	2.10	1.80
<u>CENT DIST 5</u>								
Becker	79	34	55.0	9.6	.68	.08	2.10	-.22
Collegeville	75	34	56.0	8.5	1.25	.74	2.94	.95
Hutchinson	83	34	56.1	9.1	.72	.20	.78	-.07
Olivia	82	33	54.8	8.8	.20	-.37	.72	-.26
St. Cloud	77	33	55.4	10.0	1.01	.50	2.08	.16
Staples	69	30	50.8	6.9	1.82	1.35	2.84	1.22
Willmar	81	36	55.8	9.7	.16	-.35	1.48	.65
<u>EC DIST 6</u>								
Aitkin	71	27	49.1	6.4	.64	.15	.59	.16
Forest Lake	80	32	55.7	9.5	0	-.58	.65	.08
MSP Airport	83	39	59.2	10.9	.30	-.25	1.07	-.77
St. Paul - UofM	82	37	59.6	10.1	.37	-.24	1.20	-.61
<u>SW DIST 7</u>								
Lamberton	84	32	55.0	8.3	.55	-.11	.86	.36
Pipestone	80	32	55.2	8.9	.16	-.42	.22	-.24
Redwood Falls	82	36	56.6	8.0	1.64	1.03	2.47	.33
Worthington	83	31	54.0	8.8	0	-.65	.99	-.05
<u>SC DIST 8</u>								
Faribault	81	29	53.4	7.6	0	-.68	.62	-.92
Mankato	84	33	56.4	9.0	0	-.74	-.28	-.92
Waseca	83	29	55.2	8.6	0	-.77	.15	-.90
Winnebago	78	33	55.2	8.3	0	-.73	.70	-.78
<u>SE DIST 9</u>								
Preston	72	26	49.2	2.7	0	-.79	.10	-.03
Red Wing	82	32	55.0	7.5	0	-.66	.18	-1.33
Rochester	81	34	56.0	9.7	.35	-.38	.33	-1.21
Rosemount	82	35	56.4	9.4	0	-.68	1.09	-.42
Winona	80	33	54.2	4.9	0	-.81	.41	-.23

m=some data missing

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