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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

WARM WEATHER BOOSTS PLANTING PROGRESS

Planting of corn and small grains began in earnest during the past week, but progress continued behind average, according to USDA, NASS, Minnesota Field Office. More than one-fourth of the corn and oat crops were planted during the past week. Sugarbeet and green pea plantings also advanced rapidly as warmer temperatures improved field conditions. Subsoil frost and cool soil temperatures remain in some isolated areas in the northern part of the state.

The average temperature for the week was 54.6°, 6.4° above normal. Statewide topsoil moisture supplies as of Friday were rated 1 percent very short, 7 short, 79 adequate, and 13 surplus.

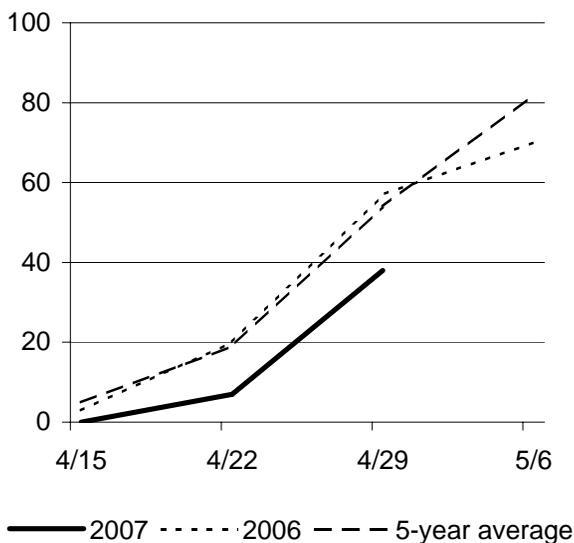
As of Sunday, April 29th, an estimated 28 percent of corn acreage was planted, compared to 43 percent last year and 38 percent for the 5-year average. Sugarbeet planting was 38 percent complete, compared to 51 percent for the five year average.

Spring wheat acreage was 20 percent planted, compared to 40 percent average. Oat acreage was 38 percent planted, compared to 68 percent last year, and 57 percent for the average. Nineteen percent of barley acreage was planted, compared to 42 percent last year, and 32 percent for the average.

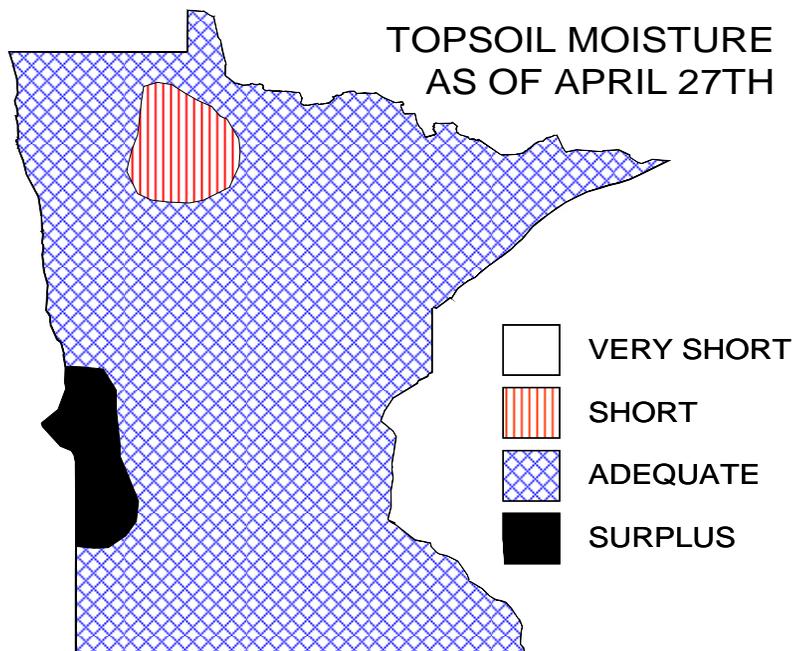
Days Suitable for Fieldwork: 3.4				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	1	7	79	13

Crop Progress as of April 29, 2007					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		Percent			
Corn	Land Prepared	38	7	57	54
	Planted	28	0	43	38
Soybeans	Land Prepared	6	2	12	15
	Planted	2	0	3	3
Oats	Planted	38	11	68	57
Barley	Planted	19	4	42	32
Spring Wheat	Planted	20	4	40	40
Canola	Planted	7	0	1	4
Sugarbeets	Planted	38	0	41	51
Green Peas	Planted	38	11	42	33
Potatoes	Planted	18	8	42	37

**CORN: LAND PERPARED
APRIL 15 - MAY 6**



**TOPSOIL MOISTURE
AS OF APRIL 27TH**



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Director

PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING April 29,2007:

Temperatures averaged from 5.5 degrees above normal in the Northeast District to 7.6 degrees above normal in the Northwest District. Extremes: 22 degrees in International Falls; 88 degrees in Rochester. Precipitation averaged from 0.42 inch below normal in the North Central District to 0.35 inch above normal in the Central District. Greatest weekly total was 2.71 inches recorded in Willmar.

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 4/23/2007 through 4/29/2007

	Temperature				Precipitation			
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 4/29
<u>NW DIST 1</u>								
Crookston	79	35	54.7	7.2	0	-.37	.08	.49
Moorhead	80	37	57.2	8.3	0	-.38	1.28	1.67
Warroad	76	25	50.5	7.4	0	-.35	-.56	.58
<u>NC DIST 2</u>								
Grand Rapids	77	29	54.0	7.9	0	-.48	.94	1.10
Intl. Falls	73	22	48.8	4.1	.03	-.35	.10	.32
Itasca	75	28	50.4	7.1	.02	-.43	.46	1.38
<u>NE DIST 3</u>								
Duluth	76	31	52.0	8.1	.02	-.50	.08	.17
Grand Marais	78	30	45.8	3.9	.03	-.33	-.00	.43
Hibbing	75	24	48.8	4.4	0	-.41	-.07	-.11
<u>WC DIST 4</u>								
Alexandria	76	41	56.1	8.2	0	-.49	.08	.46
Browns Valley	80	38	54.4	4.6	.16	-.32	.95	2.49
Canby	78	40	55.4	4.9	1.20	.65	.48	2.29
Fergus Falls	76	27	53.2	4.9	0	-.41	.92	2.52
Montevideo	80	40	56.2	6.7	0	-.57	-.65	-.57
Morris	77	41	54.6	5.1	.56	.05	.31	1.85
<u>CENT DIST 5</u>								
Becker	78	41	57.2	8.5	0	-.63	-.98	-.86
Collegeville	82	39	58.4	7.5	.24	-.32	.38	.63
Hutchinson	78	43	57.0	6.6	1.00	.46	-.04	.39
Olivia	81	40	55.6	6.2	1.65	1.07	.17	.80
St. Cloud	83	37	57.2	8.5	0	-.53	-.46	-.36
Staples	74	32	53.0	5.8	.70	.20	1.31	1.41
Willmar	77	40	56.1	6.6	2.71	2.18	1.62	2.83
<u>EC DIST 6</u>								
Aitkin	75	30	52.5	6.6	1.50	.97	.75	1.13
Forest Lake	79	40	57.5	8.0	.57	-.05	-1.20	.03
MSP Airport	85	45	60.2	8.8	.01	-.57	-1.35	-1.33
St. Paul - UofM	83	42	59.0	6.4	.11	-.54	-1.53	-1.14
<u>SW DIST 7</u>								
Lamberton	78	43	55.2	5.2	.91	.23	-.43	.59
Pipestone	77	37	53.5	4.0	.96	.35	-.54	.10
Redwood Falls	85	44	58.5	6.6	0	-.62	-.38	-.29
Worthington	77	38	53.8	5.3	.57	-.09	-.90	-.15
<u>SC DIST 8</u>								
Faribault	78	42	56.0	7.0	.32	-.40	-1.66	-1.32
Mankato	81	42	57.0	6.5	.30	-.43	-2.05	-1.35
Waseca	79	40	56.0	6.1	.38	-.42	-2.30	-1.32
Winnebago	78	43	55.4	5.3	.43	-.34	-1.39	-1.12
<u>SE DIST 9</u>								
Preston	79	36	54.6	5.3	.95	.13	-.96	.10
Red Wing	80	44	58.8	8.1	.18	-.52	-1.81	-1.85
Rochester	88	41	56.2	6.9	.11	-.65	-1.77	-1.85
Rosemount	79	43	57.8	7.8	.30	-.43	-1.76	-.85
Winona	80	39	55.6	3.2	1.28	.44	-.20	.21

m=some data missing

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