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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

ALFALFA FIRST CUTTING REACHED 80 PERCENT HARVESTED

The first cutting of Minnesota's alfalfa crop reached 80 percent harvested this past week, according to USDA, NASS, Minnesota Field Office. The alfalfa harvest progressed 28 percentage points, ending the week approximately 10 days ahead of the five-year average pace. Warm sunny conditions boosted development of corn and small grain crops. State-wide soil moisture supplies declined, with exception of the northwest corner of the state, where repeated showers have extended the areas of surplus soil moisture.

The average temperature for the week was 73.3°, 8.1° above normal. Statewide topsoil moisture supplies as of Friday were rated 8 percent very short, 24 short, 52 adequate, and 16 surplus.

As of Sunday June 17th, alfalfa first cutting was estimated at 81 percent complete, compared to the five-year average of 61 percent. State average corn height was 24 inches, compared to 12 inches average. Soybean height was 7 inches compared to 4 inches average.

Spring wheat acreage was 68 percent jointed, compared to 50 percent average. Sweet corn was 97 percent planted compared to 84 percent average.

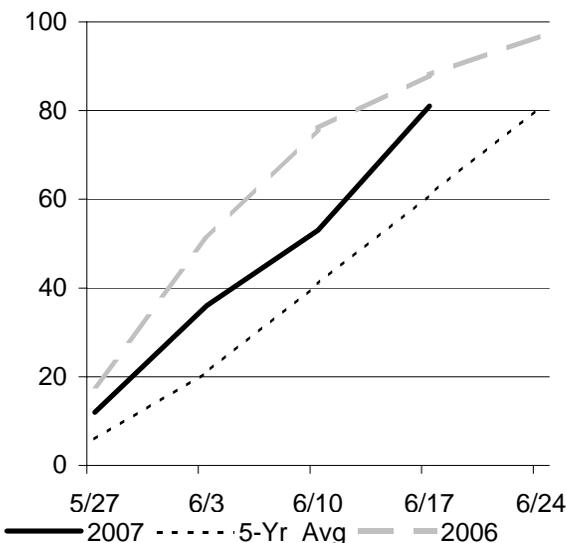
Eighty-four percent of field corn and 79 percent of soybeans were rated in Good or Excellent condition. Green pea conditions improved to 90 percent Good or Excellent while pasture conditions declined slightly to 63 percent Good or Excellent.

Days Suitable for Fieldwork: 5.3				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	8	24	52	16

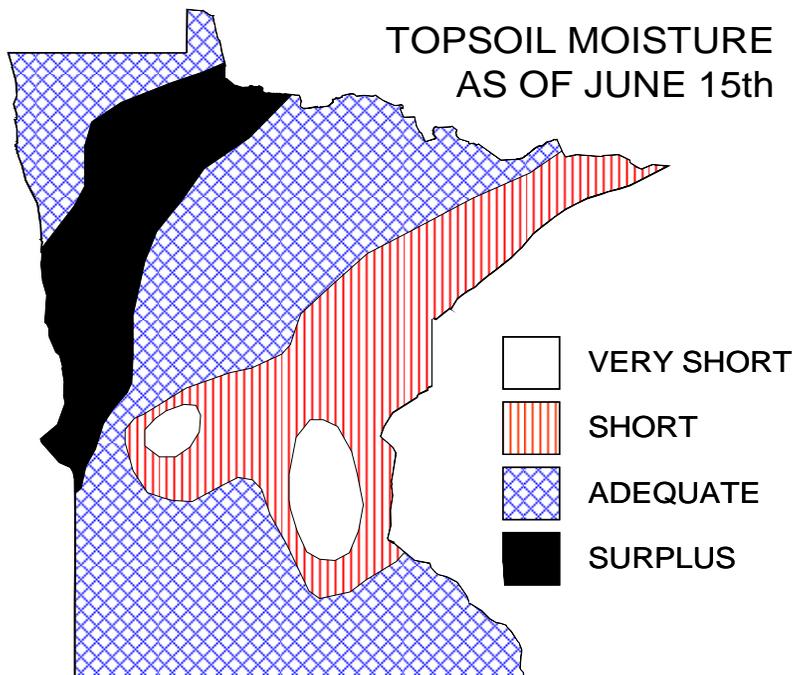
Crop Progress as of June 17, 2007					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Height	24	14	17	12
Soybeans	Height	7	5	6	4
Spring Wheat	Jointed	68	38	66	50
	Headed	14	3	22	9
Oats	Jointed	78	60	78	67
	Headed	28	6	31	15
Barley	Jointed	59	49	58	52
	Headed	18	6	20	10
Alfalfa	1st Cutting	81	53	88	61
Sweet Corn	Planted	97	84	91	84

Crop Condition as of June 15, 2007 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	3	6	28	50	13
Alfalfa	3	7	27	52	11
Corn	0	5	11	55	29
Soybeans	2	3	16	58	21
Sugarbeets	0	3	25	50	22
Spring Wheat	3	3	15	53	26
Oats	1	5	18	58	18
Barley	1	5	16	58	20
Potatoes	0	2	10	48	40
Green Peas	0	1	9	69	21
Dry Beans	0	3	24	57	16
Canola	0	7	18	43	32
Sunflowers	0	5	17	58	20

**ALFALFA 1ST CUTTING
MAY 27 - JUNE 24**



**TOPSOIL MOISTURE
AS OF JUNE 15th**



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING June 17,2007:
 Temperatures averaged from 5.5 degrees above normal in the Northeast District to 10.0 degrees above normal in the East Central District. Extremes: 42 degrees in Grand Marais; 94 degrees in Moorhead. Precipitation averaged from 0.87 inch below normal in the East Central District to 1.29 inches above normal in the Northwest District. Greatest weekly total was 3.53 inches recorded in Moorhead.

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 6/11/2007 through 6/17/2007

	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	88	53	70.8	5.6	2.13	1.29	2.19	3.42	594	52
Moorhead	94	59	74.5	8.7	3.53	2.69	3.93	6.50	678	112
Warroad	91	52	70.7	7.9	.80	-.10	2.11	1.88	528	81
<u>NC DIST 2</u>										
Grand Rapids	89	57	72.5	9.8	1.46	.37	.84	.93	625	162
Intl. Falls	88	49	69.4	7.9	1.53	.57	3.11	3.13	542	107
Itasca	87	54	73.0	11.5	.44	-.59	1.87	2.08	601	178
<u>NE DIST 3</u>										
Duluth	88	52	68.3	8.8	1.19	.18	.31	-.28	494	124
Grand Marais	72	42	53.6	.8	.60	-.20	1.25	.51	195	-20
Hibbing	86	49	67.8	7.0	.92	-.10	-.10	-1.45	542	132
<u>WC DIST 4</u>										
Alexandria	86	61	74.8	10.0	.28	-.79	-.42	-.88	680	150
Browns Valley	88	60	73.2	6.4	2.27	1.49	4.93	8.11	636	40
Canby	90	54	72.8	4.5	1.06	.07	.16	2.03	730	100
Fergus Falls	90	52	73.6	8.4	1.44	.54	5.04	7.84	648	105
Montevideo	89	62	75.4	8.0	.75	-.27	-.04	-1.16	752	151
Morris	90	60	74.4	7.7	.55	-.39	1.73	2.95	682	92
<u>CENT DIST 5</u>										
Becker	90	63	76.4	11.6	.41	-.67	-.21	-2.38	726	193
Collegeville	89	64	77.1	9.9	.28	-.86	-1.65	-2.40	780	161
Hutchinson	92	63	77.0	9.3	.58	-.50	-.93	-1.72	771	152
Olivia	89	62	73.8	6.2	1.72	.63	-.54	-.11	712	102
St. Cloud	90	60	75.8	11.0	.11	-1.00	.65	-1.12	723	190
Staples	85	57	73.0	10.1	.81	-.21	2.08	3.94	603	121
Willmar	91	62	76.9	9.7	.51	-.76	-1.93	.04	718	120
<u>EC DIST 6</u>										
Aitkin	87	52	69.8	7.7	.26	-.76	-1.06	-.87	601	156
Forest Lake	92	61	77.0	10.6	.35	-.75	.09	-1.86	726	144
MSP Airport	92	68	79.9	11.7	.03	-1.01	-1.72	-4.33	806	172
St. Paul - UofM	90	66	78.8	9.9	.23	-.97	-2.28	-4.18	846	183
<u>SW DIST 7</u>										
Lamberton	89	62	75.8	7.2	1.20	.28	.07	.59	739	100
Pipestone	87	64	74.0	7.1	.27	-.67	-1.11	-1.58	693	105
Redwood Falls	89	63	75.8	6.3	.65	-.33	-.06	-.07	760	82
Worthington	89	64	76.2	9.3	.24	-.88	-.90	-1.21	726	149
<u>SC DIST 8</u>										
Faribault	90	63	76.2	9.0	.29	-.70	.03	-3.21	726	143
Mankato	89	60	76.0	8.0	1.58	.21	-1.46	-3.69	751	131
Waseca	89	63	75.8	8.1	.99	.01	1.07	-1.63	737	122
Winnebago	89	59	75.6	7.1	.43	-.66	-1.55	-3.69	706	72
<u>SE DIST 9</u>										
Preston	89	55	72.0	5.7	.90	-.18	1.65	-.55	680	130
Red Wing	91	62	77.0	9.6	.19	-.75	1.39	-2.14	755	149
Rochester	89	61	75.4	9.4	.59	-.34	1.17	-2.76	739	187
Rosemount	89	64	76.4	9.5	.32	-.76	-.44	-2.73	731	153
Winona	90	61	74.2	4.4	.20	-.70	2.13	-.33	704	21

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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