



Minnesota Ag News – Crop Weather

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COOPERATING WITH THE MN DEPARTMENT OF AGRICULTURE, NATIONAL WEATHER SERVICE - CHANHASSEN MN,
UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, AND USDA-NRCS

DRY WEATHER ALLOWED FIELDWORK ACTIVITIES TO RESUME

Drier weather across much of Minnesota allowed producers to harvest thirty-three percent of the state's first alfalfa cutting, according to USDA, NASS, Minnesota Field Office. Drier conditions also permitted producers to complete much of their spraying activities and other necessary fieldwork. Statewide, on average, there were 5.7 days suitable for fieldwork during the week, up 3.6 days from the previous week.

The average temperature for the week was 64.4°, 1.9° below normal. Statewide topsoil moisture supplies as of Friday, June 20th were 0 percent very short, 3 short, 84 adequate, and 13 surplus.

As of Sunday, June 22nd, the average corn height was estimated at 11 inches compared to 34 inches last year and 21 inches for the 5-year average.

Soybeans were 96 percent emerged compared to 100 percent last year and 98 percent average. The average height of soybeans was 4 inches compared to 9 inches last year and 6 inches for the 5-year average.

Spring wheat was 6 percent headed compared to 37 last year and 30 average. Oats were 16 percent headed compared to 59 last year and 41 average. Barley was 7 percent headed compared to 47 last year and 31 average.

The first cutting of alfalfa reached 61 percent complete compared to 87 percent last year and 79 percent average.

As of Friday, June 20th, 62 percent of corn and soybeans were rated in good or excellent condition.

Seventy-six percent of spring wheat, 79 percent of oats, and 74 percent of barley were rated in good or excellent condition.

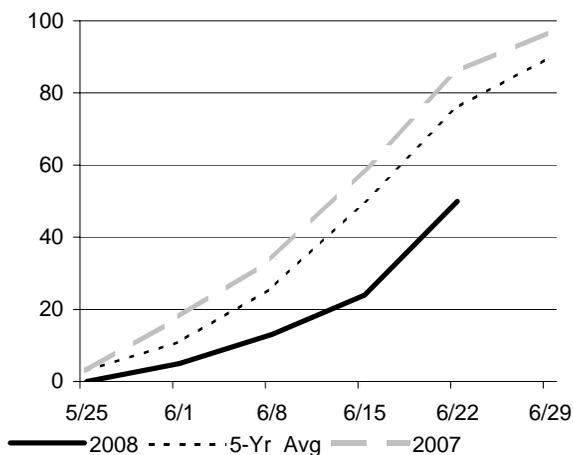
Seventy-seven percent of green peas, 39 percent of dry beans, 61 percent of sunflowers, 46 percent of canola, 68 percent of alfalfa, and 72 percent of pasture were rated in good or excellent condition.

Days Suitable for Fieldwork: 5.7				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	0	3	84	13

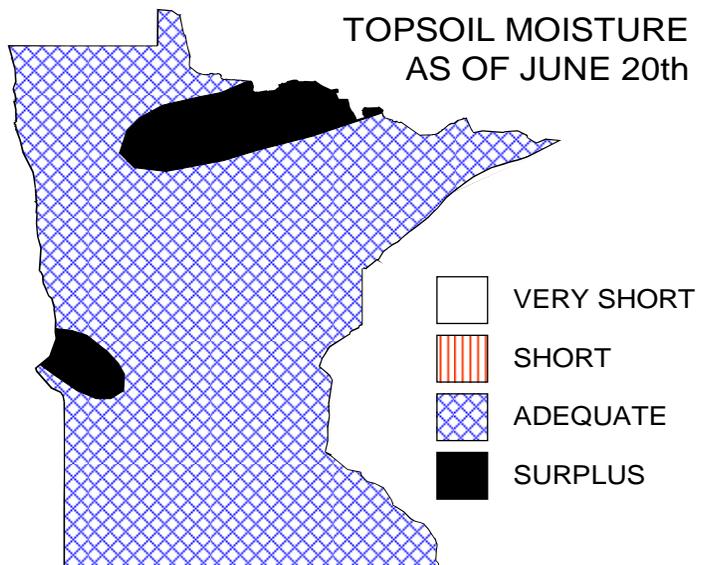
Crop Progress as of June 22, 2008					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Height (inches)	11	6	34	21
Soybeans	Emerged	96	91	100	98
	Height (inches)	4	2	9	6
Spring Wheat	Jointing	50	24	86	76
	Heading	6	0	37	30
Oats	Jointing	65	45	89	84
	Heading	16	2	59	41
Barley	Jointing	55	25	80	71
	Heading	7	0	47	31
Sweet Corn	Planted	82	72	98	90
Alfalfa	First Cutting	61	28	87	79

Crop Condition as of June 20, 2008					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Corn	2	6	30	52	10
Soybeans	1	6	31	53	9
Spring Wheat	1	5	18	63	13
Oats	0	2	19	68	11
Barley	1	3	22	61	13
Potatoes	0	2	23	63	12
Green Peas	1	3	19	65	12
Sugarbeets	0	3	27	66	4
Dry Beans	0	12	49	36	3
Sunflowers	0	7	32	58	3
Canola	0	17	37	33	13
Alfalfa	1	3	28	58	10
Pasture	1	2	25	56	16

SPRING WHEAT JOINTED
MAY 25 - JUNE 29



TOPSOIL MOISTURE
AS OF JUNE 20th



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING June 22, 2008:
 Temperatures averaged from 2.4 degrees below normal in the Northwest and South Central Districts to 1.0 degree below normal in the Northeast District. Extremes: 34 degrees in Hibbing, 88 degrees in Hutchinson. Precipitation averaged from 1.10 inches below normal in the South Central District to 0.57 inch below normal in the Northwest District. Greatest weekly total was 0.85 inch recorded in Warroad.

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 6/16/2008 through 6/22/2008

	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 14	Depart from Norm
<u>NW DIST 1</u>										
Crookston	81	45	62.7	-3.5	.03	-.82	.74	-1.20	407	-133
Moorhead	84	49	66.2	-.6	.02	-.82	2.06	2.17	466	-95
Warroad	75	44	60.8	-3.1	.85	-.07	.87	1.37	349	-108
<u>NC DIST 2</u>										
Grand Rapids	84	42	63.4	-.5	.10	-1.03	.47	4.11	410	-56
Intl. Falls	77	37	58.4	-4.1	.02	-.95	1.42	2.46	332	-104
Itasca	82	44	60.8	-1.8	.03	-1.02	2.63	4.98	357	-73
<u>NE DIST 3</u>										
Duluth	80	42	60.7	.0	.13	-.90	1.17	2.72	322	-51
Grand Marais	77	42	56.2	2.2	.72	-.10	5.10	7.60	205	-13
Hibbing	79	34	56.8	-5.1	.04	-1.03	-.37	1.74	340	-72
<u>WC DIST 4</u>										
Alexandria	80	48	64.4	-1.6	0	-1.06	.52	-.39	425	-103
Browns Valley	83	43	64.6	-3.4	0	-.80	3.29	4.31	473	-117
Canby	86	49	68.1	-1.4	0	-.99	.28	1.51	525	-102
Fergus Falls	86	47	65.4	-.8	0	-.90	.58	2.26	416	-124
Montevideo	83	48	66.0	-2.6	.07	-.95	1.10	1.05	511	-90
Morris	83	48	64.6	-3.2	0	-.96	.50	1.11	452	-134
<u>CENT DIST 5</u>										
Becker	85	50	66.4	.4	.02	-1.06	.40	2.34	490	-39
Collegeville	86	49	67.6	-.7	0	-1.12	1.65	3.45	505	-104
Hutchinson	88	49	66.9	-1.9	0	-1.08	-.71	.70	527	-87
Olivia	85	48	66.2	-2.4	.05	-1.04	-.34	.96	506	-102
St. Cloud	85	49	65.9	-.1	.02	-1.08	.85	1.55	476	-53
Staples	81	47	62.9	-1.0	.37	-.66	1.06	1.33	369	-108
Willmar	83	49	66.5	-1.7	0	-1.26	-1.28	.14	492	-103
<u>EC DIST 6</u>										
Aitkin	80	49	63.4	.2	0	-1.05	.32	1.95	392	-53
Forest Lake	86	49	65.8	-1.7	.14	-.97	.54	2.10	510	-67
MSP Airport	85	52	69.0	-.3	.01	-1.04	-.78	-.58	576	-52
St. Paul - UofM	83	52	67.5	-2.5	.03	-1.17	-1.60	-.36	569	-84
<u>SW DIST 7</u>										
Lamberton	87	48	67.2	-2.5	0	-.92	-.01	.35	558	-79
Pipestone	82	42	63.1	-5.0	0	-.93	.80	.78	492	-94
Redwood Falls	86	48	67.2	-3.3	.08	-.91	-.16	.94	555	-115
Worthington	86	49	67.6	-.4	.02	-1.09	2.73	2.99	543	-36
<u>SC DIST 8</u>										
Faribault	85	48	66.6	-1.7	0	-.99	1.48	2.43	529	-57
Mankato	85	47	65.8	-3.3	.03	-1.34	-.53	-.06	535	-82
Waseca	86	48	65.8	-3.0	0	-.99	1.54	1.38	539	-73
Winnebago	87	49	68.0	-1.6	0	-1.09	-.23	1.94	591	-41
<u>SE DIST 9</u>										
Preston	85	43	64.6	-2.9	0	-1.10	6.90	10.56	542	-13
Red Wing	85	53	67.5	-1.0	.01	-.95	.85	2.18	541	-61
Rochester	86	51	68.5	1.4	0	-.95	4.76	5.23	583	31
Rosemount	84	51	66.5	-1.5	0	-1.09	.91	1.77	502	-76
Winona	82	50	65.2	-5.9	.12	-.79	2.67	5.97	542	-134

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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