



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, USDA-NRCS, and Local FACs

CORN, SOYBEANS ON PACE WITH AVERAGE

Statewide, the growth of corn and soybeans was on pace with the five-year average, according to the NASS Minnesota Field Office. The average height of field corn was 42 inches, just behind the 5-year average of 43 inches. The average height of soybeans was 11 inches, compared to a 12 inch average.

Clouds and below normal temperatures prevailed across much of the east Monday through Wednesday. Highs ranged from the mid-50s in the Arrowhead to the mid 70s across the southeast. Western Minnesota was relatively warmer with highs ranging from the mid 70s to low 80s. Warmer weather, particularly in the northeast, returned by week's end. Statewide, 6.10 days were suitable for fieldwork.

Precipitation amounts were light. Topsoil moisture supplies declined with 69 percent rated adequate to surplus compared to 78 percent a week ago. Topsoil moisture remains short to very short across central Minnesota where precipitation amounts since April 1 range from 2 to over 5 inches below normal.

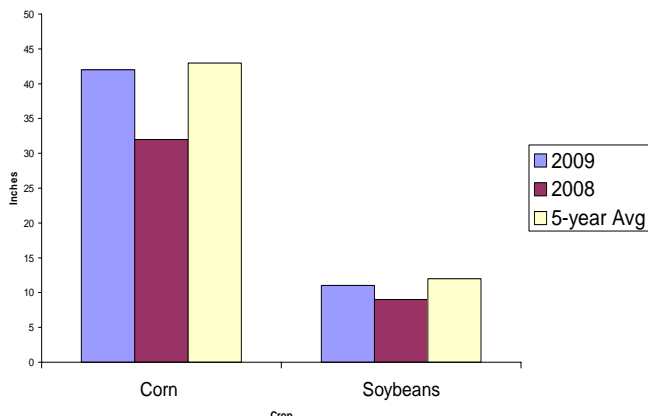
Crops remain in generally good to excellent condition statewide. Corn was rated 82 percent good to excellent while soybeans were rated 74 percent good to excellent. Thirty percent of spring wheat was heading with 59 percent of the crop in good to excellent condition. Thirty-five percent of barley was heading with 56 percent rated good to excellent. Seventy percent of oats was heading with 63 percent in good to excellent condition. Some oats was baled for hay last week with 4 percent of the crop turning ripe. Sixty percent of alfalfa was rated good to excellent. Alfalfa weevil remains an issue in western Minnesota. Range and pastures were rated in mostly good to excellent condition. Livestock producers were turning bulls out last week.

Days Suitable for Fieldwork: 6.1				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	8	23	62	7

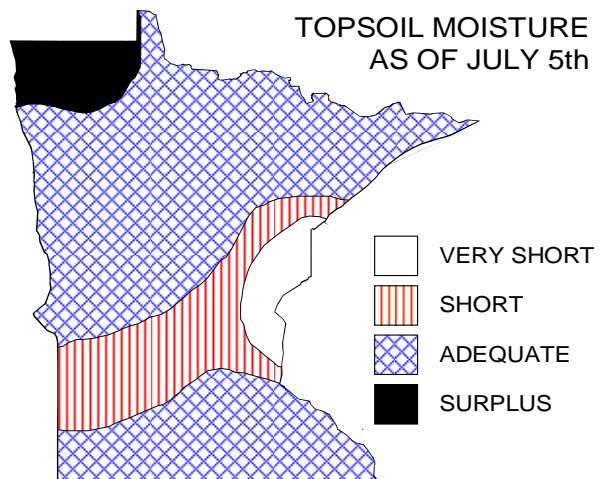
Crop Progress as of July 5, 2009					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Height (Inches)	42	27	32	43
Soybeans	Height(Inches)	11	8	9	12
	Blooming	5	0	8	17
Spring Wheat	Jointing	86	66	90	94
	Heading	30	15	52	68
Oats	Jointing	93	84	93	96
	Heading	70	51	65	79
	Turning Ripe	4	NA	0	13
Barley	Jointing	85	63	86	91
	Heading	35	18	51	67
	Turning Ripe	1	NA	0	7
Alfalfa	1st Cutting	95	84	96	95

Condition as of July 5, 2009					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Pasture	5	9	28	52	6
Spring Wheat	1	11	29	49	10
Barley	1	10	33	48	8
Oats	3	6	28	53	10
Soybeans	1	3	22	58	16
Corn	0	2	16	59	23
Potatoes	0	1	21	62	16
Alfalfa	2	7	31	53	7
Canola	0	18	59	23	0
Sunflowers	0	10	36	47	7
Green Peas	1	3	20	64	12
Dry Beans	1	3	27	59	10
Sugarbeets	0	3	26	59	12

Crop Height as of July 5th



TOPSOIL MOISTURE AS OF JULY 5th



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING July 5, 2009:
 Temperatures averaged from 5.5 degrees below normal in the Southeast District to 2.4 degrees below normal in the Central District. Extremes: 38 degrees in International Falls; 86 degrees in Dalton. Precipitation averaged from 0.94 inches below normal in the Northeast and South Central Districts to .36 inches below normal in the Southwest District. Greatest weekly total of .85 inches was recorded in Fergus Falls.

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 6/29/2009 through 7/5/2009

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 4/1	Since May 4	Depart from Norm
<u>NW DIST 1</u>										
Crookston	79	51	63.6	-4.6	0	-.78	1.66	.49	687	-166
Moorhead	84	52	67.2	-2.0	0	-.75	-.49	-2.93	814	-76
Warroad	74	48	59.3	-6.8	.10	-.80	-.72	.70	541	-185
<u>NC DIST 2</u>										
Grand Rapids	80	48	61.1	-5.1	.05	-1.07	-1.35	-3.69	709	-31
Intl. Falls	76	38	56.4	-8.4	.04	-.84	-2.07	-2.96	553	-142
Itasca	78	47	62.0	-2.8	.01	-.96	-1.17	-2.77	639	-45
<u>NE DIST 3</u>										
Duluth	78	48	60.0	-3.7	.01	-.99	-2.67	-5.60	575	-31
Grand Marais	80	48	58.4	.9	.08	-.73	-1.05	-1.21	330	-37
Hibbing	77	39	57.4	-7.1	.02	-1.10	-1.50	-2.75	641	-20
<u>WC DIST 4</u>										
Alexandria	82	56	67.4	-1.3	0	-.88	-1.36	-6.09	806	-38
Browns Valley	83	52	66.8	-4.0	.31	-.50	.27	-2.01	812	-128
Canby	84	56	67.5	-4.5	.40	-.49	-.71	-4.60	876	-118
Dalton	86	55	68.2	-.8	.15	-.68	1.22	-.82	797	-79
Fergus Falls	81	47	64.4	-4.2	.85	.02	1.73	.82	744	-115
Montevideo	81	55	66.6	-4.2	.45	-.44	-1.22	-5.72	866	-84
Morris	82	54	66.9	-3.1	0	-.95	-1.77	-6.01	840	-87
<u>CENT DIST 5</u>										
Becker	81	53	67.0	-2.1	.02	-.99	.64	-3.86	886	9
Collegeville	83	55	68.4	-2.5	.02	-.93	.44	-3.99	898	-68
Hutchinson	82	56	67.3	-3.9	.03	-.92	-1.11	-4.81	921	-52
Melrose	80	55	66.8	-3.3	0	-.93	-.05	-4.19	791	-121
Olivia	83	55	67.0	-3.6	.57	-.38	-1.61	-4.80	870	-89
St. Cloud	83	53	67.2	-1.3	0	-.89	-.77	-3.76	832	-12
Staples	79	52	65.3	-.9	0	-.93	.91	-3.16	746	-15
Willmar	84	55	68.6	-1.8	.03	-1.01	-3.27	-6.56	902	-40
<u>EC DIST 6</u>										
Aitkin	82	44	62.4	-3.1	0	-1.08	-1.03	-2.54	697	-15
Forest Lake	84	54	65.6	-4.2	0	-1.07	-1.62	-5.81	897	-18
Hinckley	78	46	61.0	-5.7	.51	-.53	-1.62	-5.01	686	-57
MSP Airport	84	55	68.0	-4.0	.19	-.78	-1.78	-5.43	992	-5
St. Paul - UofM	79	54	65.9	-5.5	.37	-.72	-2.27	-6.98	984	9
<u>SW DIST 7</u>										
Lamberton	83	55	68.0	-3.6	.09	-.78	.02	-3.20	909	-94
Marshall	84	56	68.0	-3.8	.53	-.32	-.69	-3.98	908	-90
Pipestone	82	50	65.6	-4.9	.66	-.18	.38	-2.54	855	-75
Redwood Falls	85	56	69.8	-2.9	0	-.92	-2.12	-4.85	978	-77
Worthington	84	55	67.2	-3.0	.77	-.18	-.24	-2.69	867	-50
<u>SC DIST 8</u>										
Faribault	80	52	65.6	-5.0	.05	-.92	-.93	-3.73	871	-58
Mankato	82	54	67.0	-4.2	.12	-1.05	-2.25	-6.19	879	-97
Waseca	80	51	65.6	-5.0	0	-.99	-2.03	-5.12	881	-83
Winnebago	83	57	68.4	-3.2	.20	-.79	-1.94	-4.67	957	-40
<u>SE DIST 9</u>										
Preston	80	51	65.2	-4.4	.03	-1.05	-.90	-1.79	867	-15
Red Wing	79	53	64.8	-6.1	.32	-.65	-1.57	-4.05	868	-88
Rochester	80	50	64.7	-4.5	.21	-.80	-1.12	-1.97	859	-19
Rosemount	79	54	65.0	-5.2	.22	-.85	-1.20	-4.54	845	-73
Winona	78	55	65.2	-6.3	0	-.94	.21	-.92	873	-103

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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