



# Minnesota Ag News – Crop Weather

USDA, NASS, Minnesota Field Office  
P.O. Box 7068 – St. Paul, MN 55107  
(651) 296-2230 · (651) 296-3192 FAX

Email: nass-mn@nass.usda.gov - Homepage: <http://www.nass.usda.gov>

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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

## CROP CONDITIONS UNCHANGED

Crop conditions held steady following last weekend's rains, according to the NASS Minnesota Field Office. The percentage of small grains and row crops rated good to excellent was generally unchanged compared to last week despite rain falling across much of the state. Crop growth and development was slowed by a cool, damp start to the week; however, more seasonal weather returned by week's end. Producers generally reported a need for warmer weather. The number of growing degree days, since May 4<sup>th</sup>, was below normal for all reporting stations. There were 4.4 days suitable for fieldwork during the week.

Topsoil moisture supplies improved. Eight percent of topsoil was rated very short down from 20 percent last week. Sixty percent of topsoil was rated adequate for moisture statewide.

Corn was 99 percent emerged with an average height of 9 inches. Soybeans were 90 percent emerged with an average height of 3 inches. Corn condition was rated 76 percent good to excellent compared to 75 percent last week, while soybeans were rated 69 percent good to excellent versus 70 percent a week ago.

Nineteen percent of spring wheat and 14 percent of barley was jointing. Forty-one percent of oats was jointing with 3 percent headed.

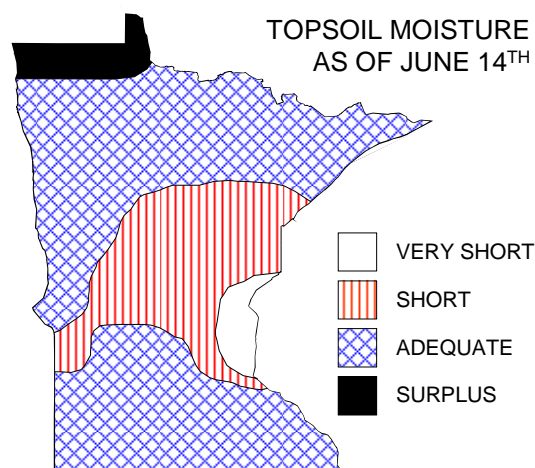
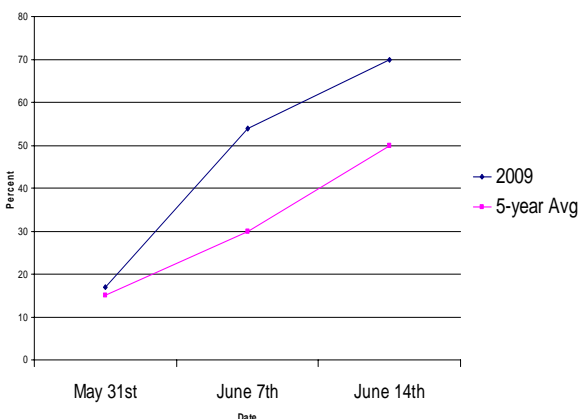
Alfalfa harvest advanced to 70 percent complete under warmer, drier weather at week's end. Pasture and range condition was rated 4 percent very poor, 14 percent poor, 39 percent fair, 40 percent good, and 3 percent excellent.

Days Suitable for Fieldwork: 4.4				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	8	26	60	6

Crop Progress as of June 14, 2009					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Emerged	99	96	98	99
	Height (Inches)	9	6	4	11
Soybeans	Emerged	90	74	88	90
	Height (Inches)	3	2	2	4
Spring Wheat	Emerged	95	81	98	99
	Jointing	19	11	22	39
Oats	Emerged	97	93	99	99
	Jointing	41	32	41	57
	Heading	3	NA	2	10
Barley	Emerged	94	80	100	99
	Jointing	14	9	23	41
Sunflowers	Planted	98	76	99	92
Dry Beans	Planted	98	90	95	94
Sweet Corn	Planted	86	81	71	80
Alfalfa	1st Cutting	70	54	25	50

Condition as of June 14, 2009					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Pasture	4	14	39	40	3
Spring Wheat	1	7	28	57	7
Barley	2	10	34	50	4
Oats	4	12	32	46	6
Soybeans	1	5	25	61	8
Corn	1	3	20	62	14
Potatoes	0	4	40	50	6
Alfalfa	4	12	36	44	4
Sugarbeets	1	4	35	53	7

Alfalfa Harvest Complete--First Cutting



Erik Gerlach  
Agricultural Statistician

Douglas A. Hartwig  
Director

PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING June 14, 2009:  
 Temperatures averaged from 10.9 degrees below normal in the South Central District to 5.1 degrees below normal in the North East District.  
 Extremes: 32 degrees in Hibbing, 86 degrees in Moorhead. Precipitation averaged from 0.43 inch below normal in the North Central District to 0.12 inch above normal in the Southeast District. Greatest weekly total of 2.18 inches was recorded in Preston.

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 6/8/2009 through 6/14/2009

	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 4	Depart from Norm
<u>NW DIST 1</u>										
Crookston	83	40	56.1	-8.4	.85	.02	-.03	-1.15	310	-177
Moorhead	86	40	59.2	-5.9	.45	-.39	-1.96	-2.82	406	-103
Warroad	73	42	53.4	-8.6	.99	.11	1.36	1.54	232	-168
<u>NC DIST 2</u>										
Grand Rapids	81	41	56.7	-5.3	1.04	-.02	-2.00	-2.36	358	-57
Intl. Falls	75	33	53.2	-7.6	.49	-.45	-1.43	-1.33	262	-129
Itasca	76	36	51.6	-9.2	.35	-.66	-1.62	-2.26	317	-62
<u>NE DIST 3</u>										
Duluth	76	40	54.8	-4.1	.81	-.18	-1.66	-3.11	278	-53
Grand Marais	66	38	47.5	-4.7	.36	-.43	-1.63	-.59	150	-42
Hibbing	78	32	53.5	-6.7	.73	-.25	-1.61	-1.51	332	-36
<u>WC DIST 4</u>										
Alexandria	82	42	58.8	-5.3	.24	-.82	-3.18	-5.55	401	-75
Browns Valley	81	41	56.8	-9.3	.56	-.20	-1.07	-2.47	399	-137
Canby	80	46	57.6	-9.9	.83	-.14	-1.64	-4.03	441	-124
Dalton	77	44	57.6	-7.3	.28	-.61	-1.58	-2.65	376	-122
Fergus Falls	78	41	56.6	-7.9	.30	-.59	-1.74	-1.50	359	-129
Montevideo	80	45	56.8	-9.9	.86	-.15	-1.93	-4.65	449	-91
Morris	82	43	56.6	-9.4	.59	-.33	-2.28	-4.57	412	-119
<u>CENT DIST 5</u>										
Becker	77	42	58.0	-6.9	1.36	.30	-1.80	-4.20	450	-49
Collegeville	85	41	60.2	-6.4	.31	-.82	-3.40	-5.25	467	-90
Hutchinson	81	43	58.8	-8.2	1.20	.14	-1.97	-3.57	496	-60
Melrose	79	39	55.8	-10.1	.44	-.58	-3.00	-4.72	386	-129
Olivia	77	45	56.6	-10.3	1.14	.07	-1.55	-3.12	450	-98
St. Cloud	83	40	58.0	-6.2	.70	-.39	-2.78	-3.39	422	-57
Staples	79	39	55.2	-7.0	.29	-.71	-2.72	-4.78	364	-70
Willmar	80	44	58.0	-8.4	.64	-.61	-2.60	-3.89	453	-84
<u>EC DIST 6</u>										
Aitkin	71	38	54.0	-7.4	1.32	.33	-1.46	-1.18	358	-41
Forest Lake	81	45	57.9	-7.8	.67	-.41	-2.60	-4.60	471	-52
Hinckley	75	36	52.6	-9.6	.95	-.03	-2.06	-3.43	353	-59
MSP Airport	84	46	61.6	-5.8	.44	-.58	-2.27	-4.23	519	-51
St. Paul - UofM	83	45	60.6	-7.6	.69	-.49	-2.74	-5.20	532	-64
<u>SW DIST 7</u>										
Lamberton	79	44	57.4	-10.5	1.05	.14	-1.35	-3.09	460	-114
Marshall	81	47	59.2	-8.5	.62	-.25	-1.66	-3.54	456	-112
Pipestone	76	41	56.0	-10.2	.93	-.01	-1.66	-2.93	440	-87
Redwood Falls	83	48	61.0	-7.8	.61	-.35	-1.36	-3.09	511	-98
Worthington	74	45	56.5	-9.6	1.90	.79	-1.39	-1.67	430	-87
<u>SC DIST 8</u>										
Faribault	75	42	55.0	-11.4	.86	-.12	-1.37	-2.92	447	-76
Mankato	74	42	55.3	-11.9	1.74	.40	-1.87	-3.54	447	-110
Waseca	74	42	56.8	-10.2	.80	-.18	-1.92	-3.27	455	-97
Winnebago	76	44	57.6	-10.1	.81	-.28	-1.89	-3.01	497	-72
<u>SE DIST 9</u>										
Preston	76	42	58.1	-7.4	2.18	1.11	.33	.22	448	-44
Red Wing	79	42	56.2	-10.5	.33	-.60	-1.49	-3.08	449	-95
Rochester	81	44	59.6	-5.6	1.15	.24	.29	-.61	440	-55
Rosemount	75	43	55.6	-10.5	1.11	.04	-1.44	-3.31	427	-91
Winona	76	49	58.5	-8.7	.94	.04	-.67	-1.09	441	-112

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.

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