



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

WEEKEND RAIN, TOPSOIL MOISTURE UNCHANGED

Topsoil moisture supplies held steady as late week rains fell across much of the state, according to the NASS Minnesota Field Office. Weekend rains were well received across the dry areas of southern and central Minnesota where locally one half to over one inch of rain fell. However, topsoil moisture supplies remain relatively unchanged as precipitation in the area remains below normal following a very dry month of May. Statewide, 52 percent of topsoil was rated adequate to surplus for moisture compared with 50 percent one week ago. Cool weather was noted as affecting crop emergence and growth throughout the state. Some northern locations reported frost. There were 5.9 days suitable for fieldwork during the week.

Corn was 96 percent emerged with an average height of 6 inches. Soybeans advanced to 97 percent planted and 74 percent emerged with an average height of 2 inches. Both crops were rated in generally good to excellent condition.

Eighty-one percent of spring wheat and 80 percent of barley was emerged with 11 and 9 percent jointing respectively. Oats was 93 percent emerged with 32 percent jointing. Crop condition for all three small grains were primarily rated fair to good.

Fifty-four percent of first cutting alfalfa was complete, well ahead of last year and average. Producers were able to put up hay in relatively good condition with mostly dry weather prior to the weekend rain. Alfalfa condition was rated 4 percent very poor, 12 percent poor, 35 percent fair, 42 percent good and 7 percent excellent.

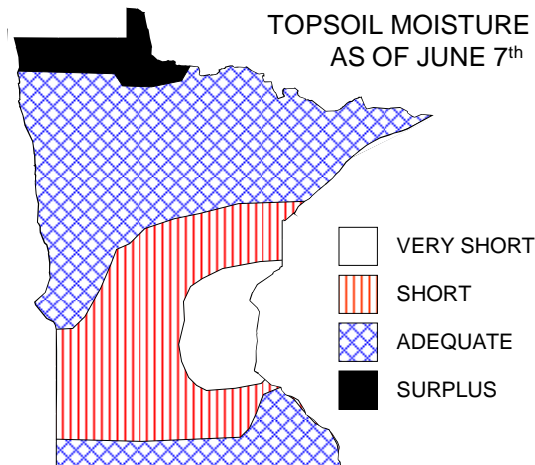
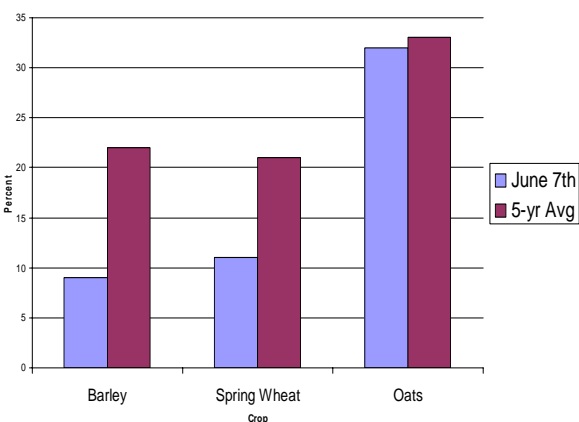
Pasture and range condition was rated 4 percent very poor, 16 percent poor, 39 percent fair, 38 percent good, and 3 percent excellent. Again, cool weather was cited as affecting growth.

Days Suitable for Fieldwork: 5.9				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	20	28	45	7

Crop Progress as of June 7, 2009					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Emerged	96	90	91	96
	Height	6	NA	NA	6
Soybeans	Planted	97	89	94	94
	Emerged	74	57	66	73
Spring Wheat	Height	2	NA	NA	2
	Planted	94	87	100	100
Oats	Emerged	81	64	94	97
	Jointing	11	5	12	21
Barley	Emerged	93	88	94	97
	Jointing	32	10	16	33
Sunflowers	Planted	97	85	100	99
	Emerged	80	67	96	96
Dry Beans	Jointing	9	3	8	22
	Planted	76	53	98	88
Sweet Corn	Planted	90	66	92	84
	Planted	81	67	61	70
Alfalfa	1st Cutting	54	17	9	30

Condition as of June 7, 2009					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Pasture	4	16	39	38	3
Spring Wheat	1	6	34	53	6
Barley	2	9	41	45	3
Oats	4	13	32	44	7
Soybeans	2	4	24	61	9
Corn	1	4	20	61	14
Potatoes	0	5	42	46	7
Alfalfa	4	12	35	42	7
Sugarbeets	1	1	34	56	8

Small Grain Jointing



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING June 7, 2009:
 Temperatures averaged from 9.3 degrees below normal in the Northwest District to 5.6 degrees below normal in the South Central District. Extremes: 27 degrees in International Falls, 90 degrees in Lamberton, Marshall. Precipitation averaged from 0.66 inch below normal in the Central District to 0.14 inch below normal in the Southeast District. Greatest weekly total of 1.15 inches was recorded in Faribault.

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 6/1/2009 through 6/7/2009

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Since 4/1	Since May 4	Depart from Norm
<u>NW DIST 1</u>										
Crookston	81	36	54.2	-8.6	.10	-.67	-.07	-1.17	249	-131
Moorhead	82	34	54.4	-9.1	.19	-.60	-1.18	-2.43	324	-74
Warroad	69	32	49.8	-10.3	.25	-.55	1.46	1.42	187	-120
<u>NC DIST 2</u>										
Grand Rapids	78	32	51.8	-8.5	.15	-.81	-1.27	-2.34	288	-35
Intl. Falls	71	27	48.8	-10.4	.13	-.73	-.28	-.88	205	-99
Itasca	76	28	50.2	-8.9	.46	-.46	-.67	-1.59	267	-25
<u>NE DIST 3</u>										
Duluth	75	33	50.3	-7.0	.22	-.69	-1.44	-2.93	221	-36
Grand Marais	66	36	48.0	-2.8	.23	-.52	-1.15	-.16	131	-18
Hibbing	76	28	49.3	-9.2	.32	-.56	-.95	-1.26	270	-16
<u>WC DIST 4</u>										
Alexandria	76	40	54.2	-8.2	.16	-.83	-2.91	-4.74	330	-42
Browns Valley	85	35	56.0	-8.3	.30	-.40	-1.15	-2.28	338	-82
Canby	89	42	59.4	-6.2	.34	-.56	-2.12	-3.89	380	-60
Dalton	84	42	57.0	-6.2	.26	-.57	-.85	-2.04	314	-75
Fergus Falls	84	40	55.8	-7.1	.34	-.49	-.81	-.91	301	-80
Montevideo	86	38	57.0	-7.8	.23	-.72	-2.33	-4.50	390	-30
Morris	86	38	56.8	-7.5	.10	-.75	-2.45	-4.24	353	-62
<u>CENT DIST 5</u>										
Becker	85	37	58.4	-4.7	.44	-.56	-2.43	-4.50	382	-8
Collegeville	75	40	56.7	-8.2	.28	-.79	-2.67	-4.43	384	-54
Hutchinson	86	41	59.4	-5.8	.32	-.66	-2.30	-3.70	425	-10
Melrose	83	37	54.8	-9.2	.18	-.78	-2.56	-4.14	328	-73
Olivia	86	39	58.8	-6.2	.51	-.47	-1.66	-3.19	394	-33
St. Cloud	78	37	53.8	-8.7	.11	-.89	-1.66	-2.99	346	-29
Staples	84	34	52.5	-8.1	.36	-.57	-2.29	-4.06	306	-34
Willmar	84	44	59.5	-5.1	.63	-.50	-1.85	-3.28	389	-30
<u>EC DIST 6</u>										
Aitkin	76	30	51.5	-8.2	.53	-.39	-1.21	-1.51	297	-14
Forest Lake	83	39	57.4	-6.5	.45	-.56	-2.37	-4.19	406	-3
Hinckley	78	34	51.8	-8.6	.37	-.56	-1.95	-3.39	302	-18
MSP Airport	78	47	59.4	-6.1	.76	-.20	-2.34	-3.65	432	-13
St. Paul - UofM	83	45	60.2	-6.1	.68	-.43	-2.98	-4.71	453	-14
<u>SW DIST 7</u>										
Lamberton	90	42	60.0	-5.9	.49	-.38	-2.19	-3.23	401	-46
Marshall	90	43	58.8	-7.0	.30	-.54	-1.88	-3.29	387	-55
Pipestone	88	38	57.2	-7.0	.24	-.66	-2.37	-2.92	387	-24
Redwood Falls	79	47	59.4	-7.5	1.01	.11	-1.40	-2.74	430	-47
Worthington	87	39	59.6	-4.5	.45	-.58	-2.81	-2.46	376	-25
<u>SC DIST 8</u>										
Faribault	81	39	58.0	-6.3	1.15	.20	-1.99	-2.80	391	-14
Mankato	82	40	58.2	-7.1	.70	-.51	-2.85	-3.94	397	-37
Waseca	80	43	60.4	-4.7	.86	-.10	-2.31	-3.09	400	-31
Winnebago	86	42	61.6	-4.1	.85	-.20	-2.30	-2.73	436	-7
<u>SE DIST 9</u>										
Preston	80	37	58.0	-5.4	.50	-.52	-.68	-.89	382	2
Red Wing	81	41	57.6	-7.2	1.06	.16	-1.31	-2.48	392	-32
Rochester	80	45	59.2	-4.1	.62	-.26	-.11	-.85	366	-19
Rosemount	83	43	58.6	-5.5	1.00	-.04	-2.05	-3.34	374	-28
Winona	77	44	59.2	-6.0	.64	-.24	-.83	-1.13	378	-52

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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