



Minnesota Ag News – Crop Weather

USDA, NASS, Minnesota Field Office
P.O. Box 7068 – St. Paul, MN 55107
(651) 201-6030 · (651) 201-6479 FAX

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

Released: June 11, 2012

Issue No: CW-23-12

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

TOPSOIL MOISTURE SUPPLIES DECLINE SLIGHTLY

Topsoil moisture supplies declined slightly this past week as daytime high temperatures reached 90° or higher in most locations, according to the USDA, NASS, Minnesota Field Office. As of June 10, topsoil moisture supplies were rated 85 percent adequate to surplus, compared with 95 percent the previous week. Despite above average temperatures and limited rainfall, crop conditions held relatively steady. The rain was well received in dry areas of the state, while other areas continued to dry out from excess rainfall during the month of May. Statewide, there were 5.7 days rated suitable for fieldwork.

Eighty-two percent of the corn crop was rated in good to excellent condition with an average height of 14 inches. Seventy-four percent of soybeans were rated in good to excellent condition with an average height of 4 inches.

Eighty-eight percent of spring wheat and barley were jointed, with 31 percent of spring wheat headed and 26 percent of barley headed. Eighty-six percent of oats were jointed with 34 percent headed. Crop condition for all three small grains was primarily rated fair to good.

Sweet corn was 69 percent planted compared to 61 percent last year and 74 percent for the five-year average. Dry beans were 97 percent planted and 84 percent emerged. Dry beans were rated 85 percent in fair to good condition.

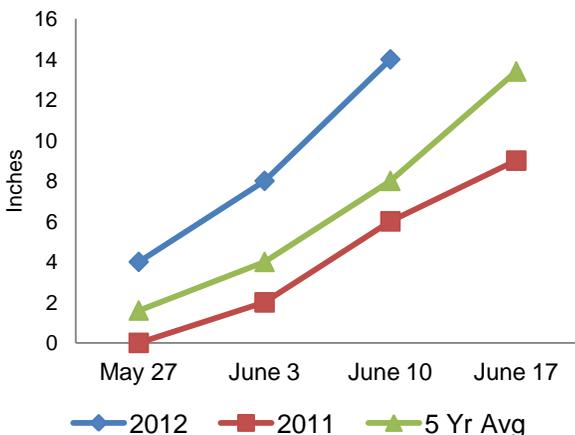
First cutting alfalfa harvest was rated 78 percent complete. Alfalfa condition was rated 1 percent very poor, 6 percent poor, 24 percent fair, 59 percent good and 10 percent excellent. Pasture and range condition was rated 1 percent very poor, 7 percent poor, 19 percent fair, 57 percent good and 16 percent excellent.

Days Suitable for Fieldwork: 5.7				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	1	14	75	10

Crop Progress as of June 10, 2012					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Oats	Jointed	86	72	26	45
Oats	Headed	34	9	2	7
Spring Wheat	Jointed	88	84	16	31
Spring Wheat	Headed	31	4	0	3
Barley	Jointed	88	81	11	31
Barley	Headed	26	3	0	5
Corn	Height	14	8	6	8
Soybeans	Emerged	95	76	59	80
Soybeans	Height	4	2	0	2
Dry Beans	Planted	97	89	78	90
Dry Beans	Emerged	84	60	16	NA
Sweet Corn	Planted	69	59	61	74
Alfalfa	First Cutting	78	61	48	50

Condition as of June 10, 2012					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Pasture	1	7	19	57	16
Oats	1	2	18	68	11
Barley	1	3	26	60	10
Spring Wheat	2	4	23	62	9
Sugarbeets	1	2	20	68	9
Sunflowers	1	3	38	54	4
Corn	1	2	15	62	20
Soybeans	1	3	22	61	13
Potatoes	0	2	11	65	22
Canola	0	0	76	21	3
Dry Beans	1	7	28	57	7
Alfalfa	1	6	24	59	10
Green Peas	0	9	30	59	2

Corn Height



The following links provides further weather-related information and maps for Minnesota:

Minnesota Climatology Working Group provides statewide precipitation maps for the previous week:
<http://climate.umn.edu/doc/weekmap.asp>

National Weather Service's Minnesota Data:
<http://www.nws.noaa.gov/view/states.php?state=MN>

PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING June 10, 2012:
 Temperatures averaged from 5.9 degrees above normal in the South Central District to 9.1 degrees above normal in the Northwest District. Extremes: 41 degrees in International Falls; 96 degrees in Moorhead. Average precipitation ranged from 0.98 inch below normal in the Southeast District to 0.22 inch below normal in the North Central District. Greatest weekly total of 1.50 inches was recorded in Collegeville.

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 6/4/2012 through 6/10/2012

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Four Weeks	From Norm Since 4/1	Since Apr 30	Depart from Norm	
<u>NW DIST 1</u>										
Crookston	93	55	74.0	11.4	.46	-.44	-1.43	-2.34	545	133
Itasca	90	48	69.0	9.2	.03	-1.07	-1.68	-.72	481	148
Moorhead	96	54	75.2	11.0	.30	-.62	-1.10	-1.04	618	159
Warroad	82	50	66.0	6.0	.24	-.76	-1.39	-1.76	410	74
<u>NC DIST 2</u>										
Grand Rapids	89	50	69.8	8.5	.81	-.16	3.07	5.43	472	97
Intl. Falls	88	41	65.6	6.7	.60	-.28	-.46	-.79	436	114
<u>NE DIST 3</u>										
Duluth	88	47	65.8	7.8	.42	-.54	2.84	3.72	413	119
Grand Marais	68	46	54.6	2.9	.07	-.75	1.73	2.12	186	10
Hibbing	89	42	66.2	8.8	.26	-.63	2.94	4.29	429	144
<u>WC DIST 4</u>										
Alexandria	91	53	72.1	8.8	.16	-.77	1.36	3.12	527	96
Breckenridge	91m	56m	73.4m	9.5m	.68m	-.18m	-.70m	.93m	533m	75m
Browns Valley	93	50	73.1	9.1	.06	-.78	-1.74	.10	548	97
Canby	90	55	74.0	8.4	0	-.91	-.51	2.11	593	102
Montevideo	93	54	73.6	8.5	.82	-.14	3.17m	5.20m	599	118
Morris	92	55	73.3	9.1	.42	-.47	.51	.60	545	88
Wheaton	94	56	74.2	9.6	.23	-.67	-.97	.52	550	90
<u>CENT DIST 5</u>										
Becker	92	55	73.6	9.1	0	-1.00	2.64	5.15	587	97
Collegeville	91	52	72.7	7.2	1.50	.40	3.07	5.42	612	110
Hutchinson	91	55	73.4	7.8	.25	-.83	1.54	4.69	608	118
Melrose	91	53	72.8	9.4	0	-.96	1.20	3.03	545	110
Olivia	91	48	71.4	6.0	.48	-.56	.46	2.32	591	105
St. Cloud	91	51	72.8	9.3	.59	-.37	2.29	5.09	581	142
Wadena	88	48	68.8	7.6	0	-1.03	2.17	4.34	464	89
Willmar	91	54	72.7	7.1	.03	-1.11	.10	2.17	567	71
<u>EC DIST 6</u>										
Aitkin	88	46	70.4	9.7	.24	-.75	6.68	7.81	479	117
Forest Lake	92	55	72.2	6.9	.09	-.93	3.68	6.03	598	119
MSP Airport	93	60	75.8	9.2	.40	-.57	1.95	5.39	654	134
Mora	88	52	70.6	7.9	0	-.95	3.30	5.83	525	111
St. Paul - UofM	90	58	73.4	8.1	.10	-.92	2.08	3.10	602	123
<u>SW DIST 7</u>										
Lamberton	90	55	73.8	7.6	.38	-.57	2.61	5.81	618	113
Marshall	92	56	76.2	10.2	0	-.88	.60	2.82	636	134
Pipestone	87	49	72.6	8.0	0	-.98	1.78	8.48	568	97
Redwood Falls	90	56	74.0	7.5	.41	-.59	2.31	5.94	640	119
Worthington	89	49	71.6	6.2	.24	-.89	2.00	4.23	596	117
<u>SC DIST 8</u>										
North Mankato	88	46	70.4	4.4	.05	-1.10	.15	1.87	569	63
Owatonna	89	54	72.4	6.7	.40	-.66	.08	3.15	614	125
Waseca	90	57	74.4	7.8	.21	-.88	-.85	-.17	618	100
Winnebago	89	48	71.2	4.8	.12	-.95	-.29	2.92	624	109
<u>SE DIST 9</u>										
Cannon Falls	90	49	71.2	6.3	.05	-.97	-1.18	2.07	576	116
Preston	89	51	70.4	5.9	0	-1.19	-1.87	-1.27	610	158
Red Wing	91	55	73.8	8.3	0	-.96	-1.45	.72	636	139
Rochester	91	58	74.1	8.5	.27	-.79	-.77	-.49	643	154
Rosemount	91	57	73.0	7.8	.02	-1.08	-1.91	2.23	602	125
Winona Dam	89	52	71.0	5.8	.02	-.92	-2.04	-1.39	591	122

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.

Address Service Requested
 Publication No. 387190
 Minnesota Crop-Weather Report
 WEEKLY NEWS REPORT

USDA, NASS, Minnesota Field Office
 PO Box 7068, ST. PAUL MN 55107

PRESORTED
 FIRST CLASS MAIL
 POSTAGE & FEES PAID
 USDA PERMIT NO G-38