



# 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](mailto:nass-mn@nass.usda.gov) - Homepage: <http://www.nass.usda.gov>

Released: August 8, 2011

Issue No: CW-31-11

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

## SMALL GRAIN HARVEST PROGRESSED MODERATELY

Despite severe weather and heavy downpours in northern and central areas on Monday, dry conditions and warm temperatures prevailed for the remainder of the week, according to the USDA, NASS, Minnesota Field Office. For the week ending August 7, variable conditions across the state continued. Some southern areas reported the need for rain, while northwestern and central areas remained wet with some crop damage from heavy winds, standing water, and disease reported. Producers continued to monitor and spray soybeans for aphids. Statewide, 5.0 days were rated suitable for fieldwork. Topsoil moisture supplies were rated 71 percent adequate and 24 percent surplus. The statewide average temperature was 3.6° above normal for the week.

Small grain development continued to catch up to the average pace, but precipitation limited harvest progress. Oats harvested advanced 18 percentage points to 23 percent complete. Spring wheat was 6 percent harvested, compared to 27 percent for the five-year average. Barley was 7 percent harvested, compared to 40 percent average.

Corn was 40 percent in the milk stage, compared to 52 percent average, and 8 percent in the dough stage, compared to 14 percent average. Soybeans were 88 percent blooming, compared to 94 percent average, and 48 percent setting pods, compared to 67 percent average. Crop conditions generally remained unchanged from the previous week: 55 percent of corn was rated good and 19 percent was rated excellent, while 52 percent of soybeans were rated good and 18 percent were rated excellent.

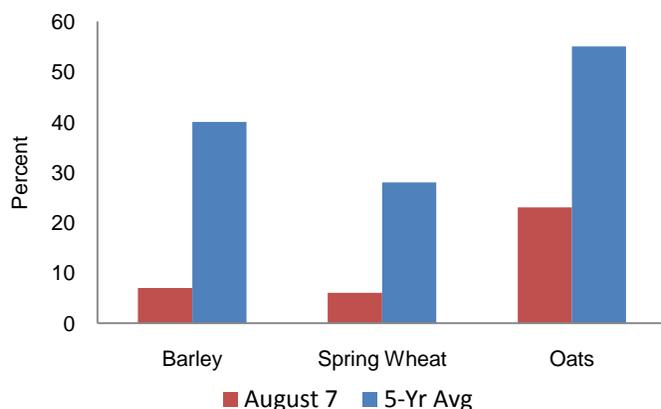
Range and pasture was rated 1 percent very poor, 3 percent poor, 13 percent fair, 61 percent good, and 22 percent excellent. Wet conditions have made haying difficult in some areas.

Days Suitable for Fieldwork: 5.0				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	0	5	71	24

Crop Progress as of August 7, 2011					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Silking	95	83	99	95
	Milk	40	16	65	52
	Dough	8	2	18	14
Soybeans	Blooming	88	72	96	94
	Setting Pods	48	24	74	67
Oats	Turning Ripe	91	78	99	94
	Harvested	23	5	62	55
Spring Wheat	Turning Ripe	76	59	96	84
	Harvested	6	0	42	27
Barley	Turning Ripe	77	56	98	85
	Harvested	7	2	42	40
Dry Beans	Blooming	87	67	93	NA
	Setting Pods	49	18	62	NA
	Fully Podded	1	NA	18	NA
Potatoes	Harvested	5	3	11	8
Canola	Harvested	3	3	6	5
Sweet Corn	Harvested	17	8	20	18

Condition as of August 7, 2011					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Pasture	1	3	13	61	22
Soybeans	2	6	22	52	18
Corn	2	5	19	55	19
Oats	1	5	22	59	13
Barley	1	2	21	61	15
Spring Wheat	2	6	26	53	13
Sugarbeets	2	12	28	47	11
Potatoes	0	2	12	54	32
Canola	0	8	50	40	2
Dry Beans	1	6	27	50	16
Sunflowers	1	6	46	42	5

Small Grain Harvest:  
August 7 vs. 5-Yr Avg



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 August 7, 2011:  
 Temperatures averaged from 1.7 degrees above normal in the Northwest District to 5.0 degrees above normal in the Southeast District. Extremes: 96 degrees in Marshall; 44 degrees in International Falls. Average precipitation ranged from 0.98 inch below normal in the South Central District to 1.21 inches above normal in the East Central District. Greatest weekly total of 3.84 inches was recorded in Moorhead.

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 8/1/2011 through 8/7/2011

	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 17	Depart from Norm
<u>NW DIST 1</u>										
Crookston	88	52	71.2	1.0	1.60	.92	.87	.14	1400	4
Itasca	M	M	M	M	M	M	-1.74m	1.06m	1131m	-26m
Moorhead	88	57	73.2	1.9	3.84	3.25	4.60	7.96	1565	106
Warroad	86	52	69.4	1.5	.03	-.68	-.95	2.27	1162	-71
<u>NC DIST 2</u>										
Grand Rapids	87	55	71.6	4.2	2.34	1.43	1.10	2.88	1330	94
Intl. Falls	88	44	68.0	1.8	.08	-.61	-2.33	-.06	1175	15
<u>NE DIST 3</u>										
Duluth	86	56	70.6	4.8	3.11	2.19	1.94	3.05	1137	67
Grand Marais	77	56	66.8	3.4	.32	-.38	.52m	-.08m	622m	-125m
Hibbing	85	50	68.6	2.6	.53	-.35	-1.50	-1.92	1142	18
<u>WC DIST 4</u>										
Alexandria	84	60	73.2	3.1	3.23	2.45	7.40	7.83	1488	85
Browns Valley	88	61	74.7	2.3	.23	-.48	1.07	3.96	1499	-45
Canby	94	58	75.9	2.7	.12	-.54	.30	3.55	1611	-5
Montevideo	92	58	75.4	3.5	.55	-.18	.68	3.13	1601	58
Morris	89	57	74.4	3.2	.54	-.29	2.02	4.21	1522	20
Wheaton	87	59	74.2	1.9	.18	-.42	2.72	5.18	1536	8
<u>CENT DIST 5</u>										
Becker	M	M	M	M	2.13	1.16	3.65	8.47	602m	-828m
Collegetown	89	61	75.6	3.3	2.15	1.32	3.81	7.79	1676	114
Hutchinson	92	62	75.7	4.4	1.35	.43	2.74	8.65m	1619	66
Melrose	87	59	74.6	3.4	1.73	.93	6.17	6.39	1505	9
Olivia	91	59	75.6	4.8	0	-.77	-.60	2.95	1601	70
St. Cloud	89	59	73.6	4.0	2.09	1.25	2.58	4.46	1549	157
Wadena	85	53	70.1	2.2	.73	-.02	-2.10m	-3.51m	682m	-578m
Willmar	91	61	75.4	5.2	1.01	.17	4.92	6.39	1550	78
<u>EC DIST 6</u>										
Aitkin	84	54	69.9	3.1	2.02	1.05	1.77	5.94	1437	245
Forest Lake	89	59	75.0	4.3	2.53	1.47	4.02	4.53	1597	115
Hinckley	86	56	70.7	3.0	3.20	2.21	2.49	2.93m	1227m	-28m
MSP Airport	88	67	77.7	4.7	.83	-.11	1.66	3.31	1807	193
St. Paul - UofM	90	63	75.8	3.4	2.45	1.45	8.04	7.82	1644	61
<u>SW DIST 7</u>										
Lamberton	94	59	76.6	5.1	0	-.79	-.28	5.21	1702	112
Marshall	96	59	76.8	4.2	0	-.75	.26	2.88	1647	39
Pipestone	92	53	74.6	3.0	.11	-.59	4.12	7.95	1544	26
Redwood Falls	90	59	76.8	3.6	.01	-.84	-2.08	1.21	1732	65
Worthington	93	56	75.0	4.6	0	-.79	3.85	7.82	1613	120
<u>SC DIST 8</u>										
Faribault	M	M	M	M	M	M	M	1.40m	613m	-901m
North Mankato	88	59	75.1	3.4	.11	-.89	1.46	1.26	1641	66
Waseca	90	63	76.6	5.7	0	-1.08	2.06	4.24	1713	175
Winnebago	90	60	77.1	5.5	0	-.99	-.76	2.42	1732	144
<u>SE DIST 9</u>										
Preston	89	56	76.6	6.4	.02	-1.06	-1.80	-.22	1644	194
Red Wing	93	65	76.8	4.8	.13	-.79	3.59	3.49	1710	153
Rochester	87	61	74.8	4.9	.04	-1.00	-.51	1.18	1650	217
Rosemount	90	63	75.4	4.7	.51	-.56	.97	6.12	1667	175
Winona	92	64	78.0	5.8	.07	-.88	6.77	4.07	1673m	89m

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