



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: August 22, 2011

Issue No: CW-33-11

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

LIMITED RAIN AIDS HARVEST

Limited rain and average temperatures provided suitable conditions for producers to harvest small grains, according to the USDA, NASS, Minnesota Field Office. As of August 21, spring wheat and barley producers harvested 54 percent of the state's crop, an increase of 33 percentage points from the previous reporting period. Oats were 77 percent harvested, a 26 point increase from the previous reporting period.

Other harvest activity included potatoes at 12 percent complete, canola at 19 percent complete, and sweet corn at 43 percent complete. The corn silage harvest was underway at 1 percent compared to 5 percent for the five-year average.

Corn development continued to gain on the five-year average. Eighty-nine percent of corn was in the milk stage, compared to 90 percent average, while 53 percent of corn was in the dough stage, compared to 57 percent average. Twelve percent of corn was in the dent stage, compared to 23 percent average. Corn condition ratings declined slightly this past week to 53 percent good and 17 percent excellent, compared to 58 percent good and 17 percent excellent during the previous week.

Ninety-seven percent of soybeans were blooming, compared to 99 percent average, and 85 percent were setting pods, compared to 94 percent average. Soybean condition ratings fell slightly this past week to 53 percent good and 15 percent excellent, compared to 53 percent good and 20 percent excellent during the previous week.

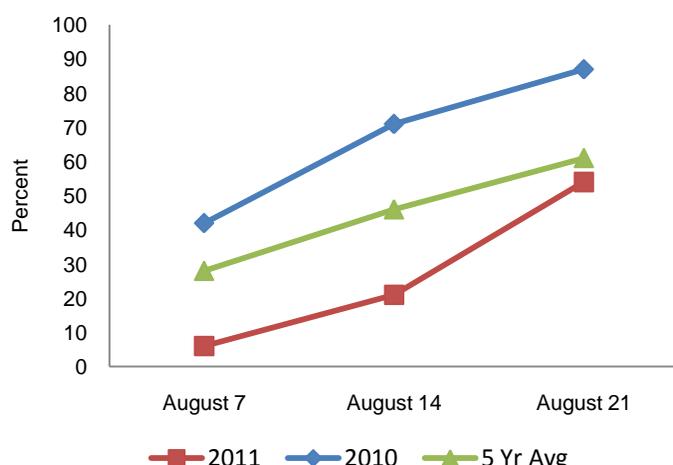
Statewide, 5.8 days were rated suitable for fieldwork for the second consecutive week. Surplus topsoil moisture supplies fell to 11 percent, the lowest rating of the season. Reporters in southern areas have noted a prolonged lack of rain. Producers continued to scout and spray for soybean aphids when necessary.

Days Suitable for Fieldwork: 5.8				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	2	16	71	11

Crop Progress as of August 21, 2011					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Milk	89	73	96	90
	Dough	53	27	77	57
	Dent	12	2	31	23
Corn Silage	Harvested	1	NA	3	5
Soybeans	Blooming	97	93	100	99
	Setting Pods	85	70	95	94
Oats	Harvested	77	51	93	83
Spring Wheat	Turning Ripe	95	88	100	94
	Harvested	54	21	87	62
Barley	Harvested	54	21	92	73
Dry Beans	Setting Pods	91	73	97	NA
	Fully Podded	53	25	74	NA
	Leaves Yellowing	11	NA	20	NA
Potatoes	Harvested	12	9	22	20
Canola	Harvested	19	6	62	36
Sweet Corn	Harvested	43	25	44	41

Condition as of August 21, 2011					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Pasture	1	6	20	56	17
Soybeans	2	6	24	53	15
Corn	2	6	22	53	17
Barley	1	3	26	60	10
Spring Wheat	2	7	33	48	10
Sugarbeets	4	14	29	41	12
Potatoes	0	3	14	53	30
Canola	0	10	46	43	1
Dry Beans	2	7	23	46	22
Sunflowers	2	7	48	39	4

Spring Wheat Harvested



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 21, 2011:
 Temperatures averaged from 0.8 degree below normal in the Southwest, West Central Districts to 2.1 degrees above normal in the East Central District. Extremes: 37 degrees in International Falls; 88 degrees in Browns Valley, Canby, Redwood Falls, Preston. Average precipitation ranged from 0.93 inch below normal in the South Central District to 0.37 inch above normal in the East Central District. Greatest weekly total of 2.01 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 8/15/2011 through 8/21/2011

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Four Weeks	From Norm Since 4/1	Since May 17	Depart from Norm	
<u>NW DIST 1</u>										
Crookston	86	48	69.2	1.1	.17	-.50	.34	-.29	1670	10
Itasca	84	48	65.5	1.1	.58	-.26	-2.39m	.11m	1444m	67m
Moorhead	86	52	69.7	.6	0	-.57	1.95	7.01	1848	114
Warroad	82	46	64.1	-1.5	.04	-.61	-1.21	1.15	1374	-93
<u>NC DIST 2</u>										
Grand Rapids	81	46	65.9	1.0	.46	-.36	1.10	3.03	1563	100
Intl. Falls	82	37	62.0	-1.8	.28	-.43	-.90	-.04	1376	2
<u>NE DIST 3</u>										
Duluth	80	50	65.9	2.3	.58	-.37	1.88	2.92	1362	83
Grand Marais	81	48	62.8	-.1	.64	-.06	-1.37	-.48m	795m	-149m
Hibbing	82	38	61.8	-1.7	.43	-.33	-.99	-2.18	1343	10
<u>WC DIST 4</u>										
Alexandria	83	56	67.8	.1	.88	.05	2.40	7.42	1745	82
Browns Valley	88	51	68.3	-1.6	.91	.29	.01	3.65	1762	-67
Canby	88	54	69.8	-1.1	.10	-.52	-1.22	2.62	1894	-20
Montevideo	86	52	69.4	-.2	.20	-.52	-1.13	2.17	1863	38
Morris	86	55	68.1	-.9	.41	-.33	-.88	3.60	1771	-5
Wheaton	87	56	69.0	-1.0	1.24	.67	2.89	5.83	1804	-11
<u>CENT DIST 5</u>										
Becker	M	M	M	M	.19	-.79	-.61	7.32	602m-1085m	
Collegeville	85	56	70.8	.8	2.01	1.13	2.55	9.30	1967	118
Hutchinson	83	56	70.4	1.6	.43	-.50	-.70	7.96m	1906	79
Melrose	83	54	68.6	-.2	.17	-.63	.34	5.02	1769	0
Olivia	85	54	68.5	.1	.22	-.56	-2.11	1.92	1854	56
St. Cloud	83	52	68.5	1.4	1.84	.92	1.69	5.26	1814	169
Wadena	81	48	66.1	.4	.42	-.29	-1.17m	-4.18m	912m	-583m
Willmar	85	54	67.9	.0	1.37	.49	.82	6.14	1796	63
<u>EC DIST 6</u>										
Aitkin	81	52	69.0	4.4	.79	-.09	.75	5.65	1714	302
Forest Lake	85	55	70.8	2.4	1.06	.01	.21	3.48	1881	131
Hinckley	81	50	66.0	.9	1.47	.53	2.46	2.53m	1449m	-35m
MSP Airport	84	61	72.8	2.3	1.44	.51	-.39	3.49	2124	217
St. Paul - UofM	82	57	70.4	.3	1.88	.88	2.55	8.74	1926	54
<u>SW DIST 7</u>										
Lamberton	85	53	69.0	-.2	.30	-.47	-1.65	4.26	1968	101
Marshall	87	54	69.5	-.8	.09	-.60	-1.45	1.67	1922	24
Pipestone	82	47	66.8	-2.4	.12	-.58	-.10	7.24	1789	-6
Redwood Falls	88	55	71.1	.2	.10	-.72	-2.63	-.19	2020	57
Worthington	84	51	68.4	.3	0	-.80	-1.77	6.46	1869	113
<u>SC DIST 8</u>										
Faribault	M	M	M	M	M	M	M	-.65m	613m-1173m	
North Mankato	82	54	68.5	-1.0	.20	-.83	-2.62	.10	1897	42
Waseca	83	51	69.0	.2	.03	-1.03	-3.40	2.63	1971	161
Winnebago	85	54	70.4	.9	.04	-.93	-3.37	.62	2021	152
<u>SE DIST 9</u>										
Preston	88	49	68.9	.8	.07	-1.00	-3.69	-2.06	1899	185
Red Wing	86	58	72.0	2.2	1.25	.36	.65	2.97	2012	170
Rochester	83	53	67.8	.1	0	-.98	-3.35	-.61	1896	204
Rosemount	84	57	70.4	1.9	.87	-.18	-2.01m	5.03m	1945	184
Winona	86	58	71.3	1.3	.84	-.09	3.96	3.56	1935m	64m

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