



# 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: September 10, 2012

Issue No: CW-36-12

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

## CORN AND SOYBEAN HARVESTS BEGIN AHEAD OF FIVE-YEAR AVERAGE

Harvest was underway for corn and soybeans this past week, according to the USDA, NASS, Minnesota Field Office. As of September 9, corn was 2 percent harvested, compared to 0 percent for the five year average. Corn harvested for silage advanced to 88 percent complete, compared to 36 percent average. Soybeans were 2 percent harvested, compared to 0 percent average. Other harvest progress included potatoes at 37 percent, sweet corn at 88 percent, dry beans at 49 percent, and sugarbeets at 10 percent complete, all ahead of their respective averages. Canola harvest was nearly complete at 99 percent harvested.

Temperatures during the week averaged 2.4° above normal statewide and precipitation totals were primarily below average. Most of the state received some precipitation during the week, while two locations in southern parts of the state recorded over an inch. Topsoil moisture supplies were rated 27 percent very short, 42 percent short, and 31 percent adequate. Statewide, 6.5 days were rated suitable for fieldwork during the week.

Crop development continued ahead of average. Ninety-six percent of corn was in the dent stage or beyond, compared to 75 percent average, and 43 percent of corn was mature, compared to 13 percent average. Corn condition ratings were relatively unchanged from the previous week.

Eighty-five percent of soybeans were turning yellow or beyond, compared to 55 percent average, and 51 percent of soybeans were dropping leaves or beyond, compared to 19 percent average. Eighteen percent of the state's soybeans were mature, compared to 2 percent average. Soybean condition ratings were relatively unchanged from the previous week.

Range and pasture condition was rated 20 percent very poor, 26 percent poor, 31 percent fair, 21 percent good, and 2 percent excellent.

Days Suitable for Fieldwork: 6.5				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	27	42	31	0

Crop Progress as of September 9, 2012					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Dent	96	88	78	75
Corn	Mature	43	16	8	13
Corn	Harvested	2	0	0	0
Corn Silage	Harvested	88	65	33	36
Soybeans	Turning Yellow	85	56	31	55
Soybeans	Dropping Leaves	51	21	6	19
Soybeans	Mature	18	3	0	2
Soybeans	Harvested	2	NA	0	0
Sweet Corn	Harvested	88	84	78	76
Potatoes	Harvested	37	30	26	31
Canola	Harvested	99	93	84	71
Sugarbeets	Harvested	10	7	1	4
Dry Beans	Leaves Yellowing	98	89	67	NA
Dry Beans	Dropping Leaves	85	67	33	NA
Dry Beans	Harvested	49	21	0	16

Condition as of September 9, 2012					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Pasture	20	26	31	21	2
Sugarbeets	1	2	19	65	13
Sunflowers	0	2	20	63	15
Corn	5	12	34	42	7
Soybeans	3	10	32	47	8
Potatoes	0	2	18	58	22
Dry Beans	2	5	28	56	9

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>

NASS is currently conducting our annual September surveys on crops and livestock. In the first two weeks of September, NASS is surveying U.S. small grains growers for final production. We are also asking hog producers about their summer pig crop, next year's farrowing intentions, and current inventory. The responses will provide the foundation for 2012 production estimates. All participating farmers should respond. Your information matters!

PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING September 9, 2012:  
 Temperatures averaged from 0.2 degree below normal in the North Central District to 4.8 degrees above normal in the East Central District.  
 Extremes: 33 degrees in Warroad; 96 degrees in Marshall. Average precipitation ranged from 0.78 inch below normal in the Central District to 0.25 inch below normal in the Southeast District. Greatest weekly total of 1.35 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 9/3/2012 through 9/9/2012

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Since Norm 4/1	Since Apr 30	Depart from Norm
<u>NW DIST 1</u>										
Crookston	86	36	62.3	1.1	.10	-.52	-2.02	-4.75	2343	341
Itasca	90	40	62.0	3.5	.17	-.60	-1.81	-1.13	1786m	54m
Moorhead	88	36	62.4	-.6	.10	-.51	-2.25	-3.67	2508	322
Warroad	82	33	56.0	-2.9	.09	-.58	-1.05	-.48	1862	103
<u>NC DIST 2</u>										
Grand Rapids	87	41	60.7	.6	.07	-.71	-2.55	8.34	2099	225
Intl. Falls	84	34	56.2	-1.0	.21	-.50	-.80	-.63	1866	255
<u>NE DIST 3</u>										
Duluth	87	43	62.2	3.2	.18	-.80	-2.94	6.38	2036	417
Grand Marais	76	48	62.6	3.6	.20	-.47	-1.61	3.03	1542	264
Hibbing	85	37	57.1	.5	.22	-.50	-1.49	4.18	1834	345
<u>WC DIST 4</u>										
Alexandria	87	45	63.4	.9	.10	-.63	-2.72	.54	2396	289
Breckenridge	90	41	64.6	2.0	.07	-.67	-2.26	-1.95	2387	238
Browns Valley	91	40	64.1	1.2	.05	-.60	-2.08	-3.39	2349	175
Canby	92	35	63.0	-1.6	.07	-.63	-1.87	-2.98	2537	211
Montevideo	91	42	66.4	2.8	0	-.80	-2.59	-.22	2512	270
Morris	90	41	63.8	1.2	.01	-.68	-1.93	-3.11	2375	240
Wheaton	90	43	65.4	2.3	.12	-.61	-1.60	.45	2397	182
<u>CENT DIST 5</u>										
Becker	91	46	67.2	3.8	.05	-.91	-3.12	2.22	2520	315
Collegeville	89	48	66.8	2.1	0	-.87	-2.58	1.19	2556	235
Hutchinson	89	45	68.0	4.0	.02	-.83	-2.64	2.99	2584	309
Melrose	88	45	64.5	2.8	.08	-.71	-2.93	.96	2370	315
Olivia	90	42	65.4	2.5	.10	-.72	-2.16	-1.83	2482	260
St. Cloud	91	42	64.8	2.7	.09	-.77	-2.83	.72	2466	375
Wadena	88	40	63.0	3.0	.04	-.62	-2.63	4.69	2124	279
Willmar	89	42	65.0	1.2	.06	-.80	-2.59	-2.09	2453	175
<u>EC DIST 6</u>										
Aitkin	90	44	63.6	3.9	.28	-.48	-1.87m	13.33m	1926m	121m
Forest Lake	94	45	69.6	5.7	.10	-.76	-3.03	3.55	2550	284
MSP Airport	92	50	70.6	5.0	.02	-.79	-2.77	2.61	2824	397
Mora	88	44	65.2	3.9	.38	-.47	-2.60	4.02	2289	294
St. Paul - UofM	90	48	69.5	5.6	.03	-.83	-2.75	.27	2639	373
<u>SW DIST 7</u>										
Lamberton	92	45	69.1	5.2	.21	-.63	-2.19	-.63	2602	314
Marshall	96	44	70.4	5.9	.22	-.55	-2.15	-1.49	2740	407
Pipestone	92	38	66.8	3.2	.33	-.45	-2.18	2.13	2502	287
Redwood Falls	92	45	67.4	2.7	.11	-.67	-2.84	.30	2692	332
Worthington	91	43	67.7	4.1	.10	-.74	-2.51	-3.65	2571	338
<u>SC DIST 8</u>										
North Mankato	91	50	69.2	4.7	.69	-.14	-2.74	-6.95	2611	293
Owatonna	90	45	68.4	3.7	.57	-.39	-3.06	.84	2648	358
Waseca	91	40	65.5	.7	.52	-.43	-3.21	-5.66	2571	238
Winnebago	90	46	68.5	3.7	.37	-.48	-2.26	-2.60	2681	339
<u>SE DIST 9</u>										
Cannon Falls	86	45	65.7	2.4	.30	-.61	-3.78m	8.30m	1420m	-776m
Preston	91	45	66.4	2.5	1.35	.35	-2.25	-5.65	2523	341
Red Wing	91	50	68.2	3.1	.33	-.63	-1.72	7.18	2657	337
Rochester	93	46	66.9	2.7	.76	-.15	-3.00	-5.07	2629	375
Rosemount	90	45	68.2	4.0	.29	-.64	-1.83	3.15	2579	333
Winona Dam	90	50	68.8	3.8	1.28	.33	-1.28	-4.65	2638	358

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.

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

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

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