



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

SOYBEAN HARVEST ADVANCES RAPIDLY

Warm, dry conditions allowed producers to make rapid progress harvesting soybeans this past week, according to the USDA, NASS, Minnesota Field Office. As of October 2, soybeans harvested advanced 32 percentage points to 35 percent complete, compared to 26 percent last year and 29 percent for the five-year average. Average moisture content for harvested soybeans was 13 percent, equal to last year and average.

The potato harvest advanced 25 points to 73 percent harvested, nearly equal to last year and average. The dry bean harvest advanced 27 points to 77 percent harvested, compared to 82 percent last year and 77 percent average. The sugarbeet harvest was 13 percent complete, compared to 31 percent last year and 25 percent average. The sunflower harvest was underway at 8 percent complete, compared to 21 percent last year and 10 percent average. Corn chopped for silage was virtually complete at 96 percent.

Corn was 80 percent mature, compared to 90 percent last year and 73 percent average. The corn harvest advanced to 6 percent complete, compared to 4 percent last year and 6 percent average. Average moisture content for harvested corn was 23 percent.

Precipitation shortfalls continued despite light rain that fell Monday evening into Tuesday across the eastern third of the state. Temperatures were 2.4° above normal. Topsoil moisture supply ratings declined to 19 percent very short, 35 percent short, and 46 percent adequate. Statewide, 6.6 days were rated suitable for fieldwork, second this season only to the week of September 11 which averaged 6.8 days suitable.

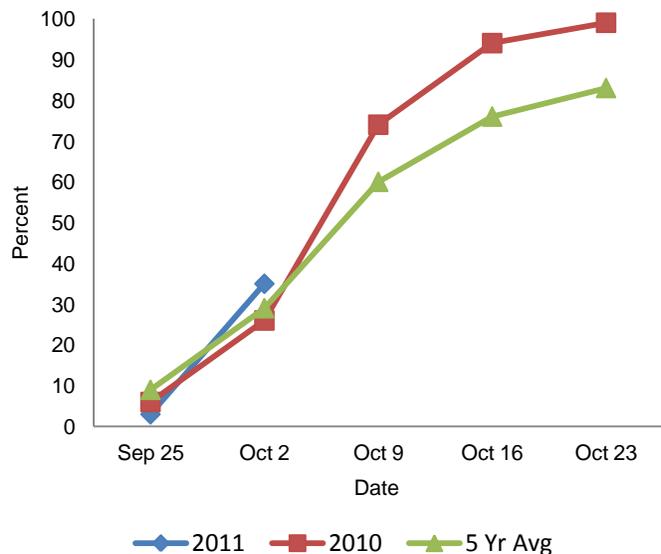
Pasture condition was rated 9 percent very poor, 19 percent poor, 35 percent fair, 32 percent good, and 5 percent excellent, falling slightly from the previous week.

Days Suitable for Fieldwork: 6.6				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	19	35	46	0

Crop Progress as of October 2, 2011					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Mature	80	52	90	73
	Harvested	6	2	4	6
	Moisture Content	23	NA	22	26
Corn Silage	Harvested	96	82	96	90
Soybeans	Turning Yellow	98	91	100	100
	Dropping Leaves	94	74	96	95
	Mature	81	36	84	80
Sugarbeets	Harvested	35	3	26	29
	Moisture Content	13	NA	13	13
Sunflowers	Harvested	13	4	31	25
Dry Beans	Harvested	8	NA	21	10
	Dropping Leaves	99	87	100	NA
Potatoes	Harvested	77	50	82	77
		73	48	74	73

Condition as of October 2, 2011					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Pasture	9	19	35	32	5
Soybeans	3	12	33	43	9
Corn	4	11	29	47	9
Sugarbeets	8	18	36	33	5
Sunflowers	2	11	48	35	4

Soybeans 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 October 2, 2011:
 Temperatures averaged from 0.4 degree below normal in the Southeast District to 5.7 degrees above normal in the Northwest District. Extremes: 21 degrees in Hibbing; 92 degrees in Browns Valley. Average precipitation ranged from 0.61 inch below normal in the North Central District to 0.05 inch above normal in the Southeast District. Greatest weekly total of 1.09 inches was recorded in Winona.

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 9/26/2011 through 10/2/2011

	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	85	32	56.4	4.6	0	-.47	-1.04	-2.19	2231	106
Itasca	81	36	54.2	5.8	.11	-.54	-2.09	-.13	1895m	155m
Moorhead	90	34	59.8	6.9	0	-.49	-1.79	4.36	2460	230
Warroad	80	36	54.4	5.2	.04	-.49	-.81	-.24	1860	10
<u>NC DIST 2</u>										
Grand Rapids	80	29	54.0	3.6	.06	-.63	-2.03	.91	2040	183
Intl. Falls	82	25	51.6	3.2	.02	-.59	-1.60	-2.23	1847	122
<u>NE DIST 3</u>										
Duluth	75	31	54.6	4.4	.30	-.49	-2.50	-.51	1818	156
Grand Marais	73	34	52.5	1.8	.08	-.65	-1.51	-2.91m	1114m	-216m
Hibbing	78	21	50.8	1.9	.32	-.37	-1.81	-4.65	1788	94
<u>WC DIST 4</u>										
Alexandria	82	38	59.0	6.2	.01	-.55	-1.59	5.09	2286	141
Browns Valley	92	34	56.7	2.3	0	-.40	-1.35	1.90	2337	-35
Canby	89	34	55.8	-.8	0	-.52	-2.00	-.40	2513	5
Montevideo	86	37	56.8	1.8	0	-.47	-1.74	.53	2440	66
Morris	87	38	56.5	2.7	0	-.50	-1.56	1.36	2298	2
Wheaton	85	38	57.5	3.5	0	-.46	-1.52	3.77	2374	27
<u>CENT DIST 5</u>										
Becker	81	31	55.5	2.3	0	-.60	-2.24	3.59	2430	266
Collegeville	83	36	60.5	4.3	0	-.65	-2.29	6.77	2589	170
Hutchinson	82	34	56.8	2.0	0	-.44	-1.74	5.35m	2486	130
Melrose	82	36	55.6	2.0	0	-.60	-2.11	1.93	2302	21
Olivia	82	32	55.5	1.2	0	-.53	-2.18	-.98	2394	76
St. Cloud	82	31	57.9	5.4	0	-.58	-2.05	2.25	2369	260
Wadena	83	36	54.6	3.8	.02	-.58	-1.61	-6.46m	1385m	-528m
Willmar	83	37	55.5	1.7	0	-.56	-1.80	4.07	2317	83
<u>EC DIST 6</u>										
Aitkin	77	32	53.5	2.8	.33	-.29	-1.80	2.85	2219	413
Forest Lake	82	35	56.7	2.2	.17	-.48	-2.49	-.34	2469	196
Hinckley	78	28	52.9	2.5	.07	-.61	-2.29	-.40m	1904m	12m
MSP Airport	81	38	60.0	3.9	.05	-.47	-2.05	-.07	2784	297
St. Paul - UofM	78	35	56.4	.0	.07	-.57	-2.47	4.87	2504	53
<u>SW DIST 7</u>										
Lamberton	88	32	56.6	1.3	0	-.51	-2.26	.65	2557	142
Marshall	88	35	57.5	1.7	0	-.47	-1.87	-1.33	2527	50
Pipestone	86	31	55.2	1.0	0	-.59	-2.36	4.23	2347	20
Redwood Falls	85	33	60.3	3.5	0	-.48	-2.10	-2.75	2633	70
Worthington	85	32	56.4	2.2	0	-.50	-2.09	3.74	2423	152
<u>SC DIST 8</u>										
Faribault	M	M	M	M	M	M	M	-5.38m	613m-1705m	
North Mankato	80	35	55.6	-.5	0	-.61	-2.35	-3.40	2452	32
Waseca	80	34	55.9	.6	.11	-.51	-2.21	-.97	2518	160
Winnebago	84	32	56.8	.3	.01	-.53	-1.85	-2.03	2610	161
<u>SE DIST 9</u>										
Preston	71	29	53.9	-1.1	.86	.19	-1.49	-3.73	2444	205
Red Wing	77	34	56.0	.3	.12	-.55	-2.64	-.94	2601	198
Rochester	76	32	56.0	1.8	.66	.07	-1.53	-2.00	2432	231
Rosemount	79	34	56.8	1.4	.15	-.52	-2.65	1.78	2526	230
Winona	65	36	54.6	-1.6	1.09	.44	-1.44	1.35	2509m	65m

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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