



Minnesota Ag News – Crop Weather

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Released: August 27, 2012

Issue No: CW-34-12

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

CROPS PROGRESS; SOYBEANS TURNING YELLOW

As of August 26, 26 percent of soybeans were turning yellow or beyond, according to the USDA, NASS, Minnesota Field Office. The percentage of soybeans turning yellow was 18 percentage points ahead of the five year average. Four percent of soybeans were dropping leaves or beyond, compared to 1 percent average. Soybeans were rated 80 percent in fair to good condition, compared to 81 percent the previous week.

Seventy-five percent of corn was in the dent stage or beyond, compared to 50 percent last week, and 35 percent average. Two percent of corn was mature, compared to 1 percent average. Corn condition was rated 76 percent fair to good, compared to 77 percent the previous week. Corn harvested for silage was 34 percent complete.

Harvest of canola, sweet corn, and potatoes advanced. Canola harvest advanced 44 points during the week to 83 percent complete. Sweet corn and potatoes were 74 and 22 percent complete, respectively. Sugarbeet harvest continued with 4 percent of the crop harvested.

Most reporting stations recorded less than normal precipitation amounts during the week. Topsoil moisture supplies declined from the previous week and were rated 18 percent very short, 40 percent short, 41 percent adequate, and 1 percent surplus, compared to 16 percent very short, 38 percent short, 45 percent adequate, and 1 percent surplus a week earlier. Statewide, 6.3 days were rated suitable for fieldwork.

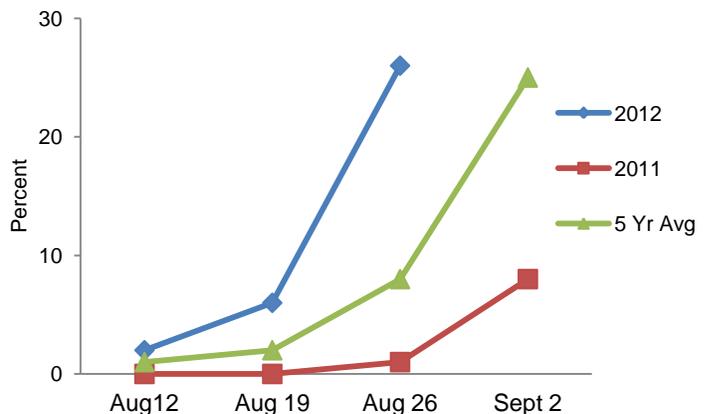
Range and pasture condition was rated 16 percent very poor, 24 percent poor, 30 percent fair, 26 percent good, and 4 percent excellent.

Days Suitable for Fieldwork: 6.3				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	18	40	41	1

Crop Progress as of August 26, 2012					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Dough	97	92	74	69
Corn	Dent	75	50	29	35
Corn	Mature	2	0	0	1
Corn Silage	Harvested	34	16	4	8
Soybeans	Turning Yellow	26	6	1	8
Soybeans	Dropping Leaves	4	0	0	1
Sweet Corn	Harvested	74	63	53	48
Potatoes	Harvested	22	15	13	21
Canola	Harvested	83	39	41	43
Sugarbeets	Harvested	4	2	0	0
Dry Beans	Fully Podded	96	94	71	NA
Dry Beans	Leaves Yellowing	77	61	20	NA
Dry Beans	Dropping Leaves	30	6	0	NA

Condition as of August 26, 2012					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Pasture	16	24	30	26	4
Sugarbeets	1	2	19	66	12
Sunflowers	0	2	20	63	15
Corn	5	12	33	43	7
Soybeans	3	9	31	49	8
Potatoes	0	1	18	57	24
Canola	0	1	29	43	27
Dry Beans	2	5	28	55	10

Soybeans Turning Yellow or Beyond



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 26, 2012:
 Temperatures averaged from 0.1 degree below normal in the South Central District to 4.2 degrees above normal in the Northeast District. Extremes: 35 degrees in Warroad; 95 degrees in Canby, Browns Valley, Moorhead. Average precipitation ranged from 0.82 inch below normal in the South Central District to 0.25 inch below normal in the Northwest District. Greatest weekly total of 0.99 inch 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 8/20/2012 through 8/26/2012

	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	44	69.8	3.6	.52	-.23	-.76	-3.60	2096	287
Itasca	90	41	67.0	3.4	0	-.76	-.21m	-.34m	1553m	-13m
Moorhead	95	43	70.2	2.2	.01	-.58	-1.37	-2.56	2261	288
Warroad	83	35	63.4	-.4	.75	.06	.18	.78	1679	89
<u>NC DIST 2</u>										
Grand Rapids	89	42	68.2	3.3	.11	-.63	-.80	9.81	1883	189
Intl. Falls	88	42	65.2	3.2	0	-.62	.15	.52	1684	224
<u>NE DIST 3</u>										
Duluth	86	43	69.0	5.9	.10	-.76	-1.85	8.08	1815	362
Grand Marais	78	54	66.0	3.4	.40	-.21	.83	4.13	1338	223
Hibbing	88	36	64.5	3.3	.43	-.24	-.24	5.35	1645	298
<u>WC DIST 4</u>										
Alexandria	91	47	70.2	3.1	.04	-.76	-2.32	1.78	2142	241
Breckenridge	93	45	68.4	1.1	0	-.67	-.46	-.62	2129	187
Browns Valley	95	44	66.8	-.8	0	-.66	-1.36	-2.35	2110	146
Canby	95	47	68.8	-.2	.02	-.60	-.51	-1.71	2288	192
Montevideo	89	46	68.7	.7	.14	-.63	-.97	1.32	2253	229
Morris	89	46	67.4	.5	.07	-.66	.06	-1.90	2126	198
Wheaton	93	50	68.4	.4	0	-.65	.38	1.50	2138	136
<u>CENT DIST 5</u>										
Becker	86	48	69.0	1.6	.19	-.71	-2.16	4.14	2253	261
Collegeville	87	49	70.4	1.6	.99	.08	-1.81	2.95	2284	192
Hutchinson	89	50	69.8	1.9	.98	-.04	-1.74	4.77	2299	243
Melrose	91	45	67.2	1.2	.22	-.63	-2.18	2.44	2122	262
Olivia	88	46	69.1	1.8	.22	-.59	-.95	-.30	2239	228
St. Cloud	88	42	68.6	2.1	.45	-.44	-2.18	2.34	2207	316
Wadena	91	42	67.0	2.5	0	-.69	-1.56	5.97	1895	229
Willmar	88	49	68.5	.5	.26	-.68	-1.53	-.37	2187	128
<u>EC DIST 6</u>										
Aitkin	M	M	M	M	M	M	-.46m	14.51m	1819m	187m
Forest Lake	92	47	70.1	1.6	.21	-.65	-2.23	5.18	2257	213
MSP Airport	89	51	72.0	2.1	.12	-.84	-2.54	4.29	2503	316
Mora	88	41	66.6	.8	.25	-.60	-2.61	5.34	2047	245
St. Paul - UofM	88	47	69.6	1.1	.13	-.73	-2.06	1.97	2337	293
<u>SW DIST 7</u>										
Lamberton	89	48	69.9	2.0	.46	-.38	-.24	.84	2320	251
Marshall	92	51	73.1	4.3	.37	-.39	-.58	-.18	2438	334
Pipestone	91	44	69.5	1.6	.29	-.44	-1.22	3.34	2213	216
Redwood Falls	90	48	71.2	2.5	.31	-.53	-.03	1.76	2406	275
Worthington	91	48	69.4	1.9	.56	-.31	-.53	-2.08	2287	270
<u>SC DIST 8</u>										
North Mankato	80	51	67.0	-1.7	.20	-.74	-2.36	-5.92	2308	216
Owatonna	89	47	69.8	1.2	.13	-.93	-2.02	2.25	2351	288
Waseca	88	44	67.6	-1.1	.05	-1.02	-2.86	-4.20	2289	184
Winnebago	89	51	69.9	1.2	.36	-.60	-1.67	-1.20	2383	270
<u>SE DIST 9</u>										
Cannon Falls	M	M	M	M	M	M	-3.85m	10.31m	1415m	-567m
Preston	89	42	66.5	-1.4	.35	-.76	-.19	-4.93	2251	287
Red Wing	89	48	68.8	-.1	.25	-.75	-.43	8.80	2365	276
Rochester	87	48	69.0	1.0	.02	-.99	-2.16	-3.95	2337	304
Rosemount	87	49	68.3	.2	.12m	-.94m	-.38m	4.74m	2293	269
Winona Dam	88	49	69.1	-.0	.46	-.55	-.94	-4.00	2338	290

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

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