



USDA National Agricultural Statistical Service, Minnesota Field Office • P.O. Box 7068 • St. Paul, MN 55107
Phone 651-201-6030 • 1-800-453-7502 • Fax 651-201-6092 • nass-mn@nass.usda.gov • www.nass.usda.gov
In Cooperation with the Minnesota Department of Agriculture, National Weather Service – Chanhassen MN,
Univ. of Minn. Extension Service, DNR State Climatology Office, USDA-FSA, USDA-NRCS, and Local FACs

Released September 23, 2013

Issue No: CW4113

Media Contact: Dan Lofthus

The condition of Minnesota's crops improved during the week ending September 22, 2013 according to the USDA, National Agricultural Statistics Service. Statewide, an average of 0.43 inch of rain fell; improving topsoil and subsoil moisture to 51 and 43 percent adequate, respectively. Central Minnesota received 0.96 inch of rainfall making it the wettest region for the second consecutive week. Temperatures averaged 57.2 degrees, 0.3 degrees cooler than normal. Statewide, 5.2 days were rated suitable for fieldwork.

Ninety-one percent of the corn crop was at or beyond the dent stage, remaining behind the normal 94 percent. Seventeen percent of Minnesota's corn was mature, 12 days behind normal. Seventy-six percent of corn silage has been cut, two percentage points ahead of normal, yet behind last year's 99 percent. Corn conditions were rated 4 percent very poor, 9 percent poor, 37 percent fair, 45 percent good and 5 percent excellent. Seventy-nine percent of the soybean crop was turning yellow, 20 percentage points behind last year. Forty-six percent of soybeans were dropping leaves, 6 days behind normal. Soybean conditions improved slightly to 50 percent good or excellent.

Dry beans were 28 percent harvested, compared to last year's 85 percent. The sugarbeet harvest has begun, with 5 percent of the crop lifted. Minnesota's potatoes were 58 percent dug, while sweet corn was 89 percent harvested.

Pasture conditions also improved and were rated 27 percent good to excellent, compared to 17 percent a year ago. The harvest of third cutting alfalfa was 93 percent complete.

Soil Moisture Levels as of September 22, 2013

	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil Moisture	18	31	51	0
Subsoil Moisture	21	36	43	0

Crop Condition as of September 22, 2013

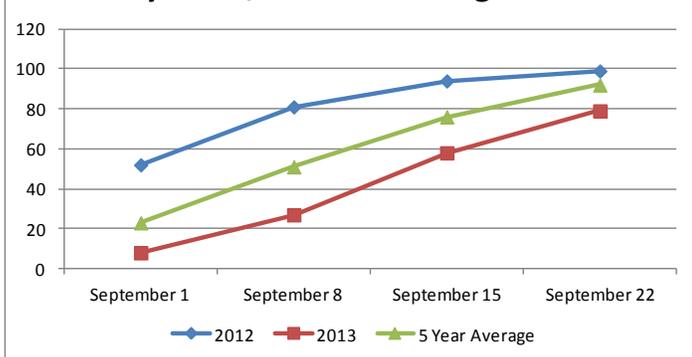
	Very Poor	Poor	Fair	Good	Exc.
Pasture.....	19	26	28	26	1
Sugarbeets.....	1	5	25	62	7
Sunflowers.....	0	3	46	45	6
Corn.....	4	9	37	45	5
Soybeans.....	3	11	36	46	4
Dry Beans.....	3	11	35	42	9

Crop Progress as of September 22, 2013

	This Week	Last Week	Last Year	5 Yr Avg.
	Days Suitable for Fieldwork	5.2	5.9	6.7

	Percent	Percent	Percent	Percent
Corn dent.....	91	76	100	94
Corn mature.....	17	5	92	45
Corn Silage harvested.....	76	52	99	74
Soybeans turning yellow.....	79	58	99	92
Soybeans dropping leaves.....	46	21	94	69
Soybeans mature.....	9	NA	84	36
Sweet Corn harvested.....	89	83	96	91
Sugarbeets harvested.....	5	2	15	10
Canola harvested.....	57	54	100	87
Dry Beans leaves yellow.....	92	88	100	NA
Dry Beans dropping leaves.....	85	59	99	NA
Dry Beans harvested.....	28	NA	85	54
Potatoes harvested.....	58	41	68	51
Alfalfa, third cutting.....	93	84	NA	NA

Soybeans, Percent Turning Yellow



Precipitation and Temperature Summary for 9/16/2013 through 9/22/2013

	Temperature				Precipitation				G D D	
	High	Low	Week Average	Depart from Norm	Week Total	Depart From Normal			Since 05/16	Depart From Norm
						Past Week	Four Weeks	Since 4/1		
NORTHWEST DISTRICT										
Crookston	76	33	57.4	1.6	0.06	-0.48	-0.71	-5.72	2204	184
Itasca	M	M	M	M	M	M	-1.56m	-6.71m	930m	-825m
Moorhead	81	40	60.6	2.9	0.11	-0.49	0.77	6.07	2381	177
Pembina, ND	72	35	53.2	-0.6	0.07	-0.42	0.11	2.13	1904	79
Warroad	70	36	52.8	-1.1	0.05	-0.59	-1.36	-7.00m	1694m	-91m
NORTH CENTRAL DISTRICT										
Grand Rapids	69	31	54.6	-0.5	0.14	-0.64	-1.23	-4.06	1904	9
Intl. Falls	73	29	53	0.7	0.27	-0.44	0.07	4.79	1743	119
NORTH EAST DISTRICT										
Duluth	70	37	56.2	1.8	0.32	-0.66	-1.58	-2.86	1891	235
Grand Marais	67	41	54	-0.7	1.11	0.4	0.82	8.24	1097	-245
Hibbing	70	28	52.6	0.8	0.19	-0.54	0.23	-1.48	1796	288
WEST CENTRAL DISTRICT										
Alexandria	76	42	58	0.5	0.41	-0.25	-0.49	-3.25	2254	123
Breckenridge	84	38	57.1	-0.3	0.16	-0.59	0.35	-2.93m	2110m	-54m
Browns Valley	77	30	55.5	-2.4	0.1	-0.52	-1.55	-3.34m	1982m	-214m
Canby	M	M	M	M	M	M	-1.99m	3.37m	2231m	-125m
Montevideo	86	39	58.2	-0.6	1.02	0.26	0.07	4.57	2251	-13
Morris	82	36	56.6	-1.2	0.37	-0.3	0.27	1.48	2187	32
Wheaton	86	40	58.1	0.2	0.17	-0.56	-0.86	-2.83	2249	12
CENTRAL DISTRICT										
Becker	75	42	58.2	-0.7	1.31	0.38	-0.99	-6.86	2364	148
Collegeville	72	36	58	-2	0.46	-0.35	-1.06	-1.77	2312	-31
Hutchinson	81	41	56.9	-2.5	1.88	1.19	-0.35	1.96m	2340m	41m
Melrose	73	38	53.5	-3.5	0.9	0.16	-0.84	-0.8	2176	103
Olivia	82	28	55.8	-2.5	0.78	0.02	-1.12	0.91	2167	-73
St. Cloud	73	36	57.2	-0.2	0.33	-0.46	-1.51	-1.8	2200	89
Wadena	M	M	M	M	M	M	1.00m	-0.91m	1809m	-58m
Willmar	80	39	57.2	-1.9	1.04	0.28	0.64	-1.99m	2219	-79
EAST CENTRAL DISTRICT										
Aitkin	70	33	54.4	-0.7	0.7	-0.09	1.76	1.72m	1829m	2m
Forest Lake	77	43	58.8	-0.3	0.75	-0.08	-1.59	-2.15	2333	40
MSP Airport	78	44	61	0.2	0.39	-0.29	-1.84	2.45	2656	200
Mora	75	36	56.1	-0.3	0.56	-0.26	-0.85	-2.48m	2095	80
St. Paul - UofM	77	39	58	-1.1	0.47	-0.36	-1.64	3.39	2320	27
SOUTH WEST DISTRICT										
Lamberton	90	38	59.7	0.3	0.52	-0.24	-2.13	-4.29	2397	86
Marshall	90	41	62.2	2.5	1.16	0.44	-1.09	-3.04m	2488	128
Pipestone	85	37	58.7	0	0.35	-0.41	-2.18	-4.13m	2260m	22m
Redwood Falls	88	41	60.5	0.5	1.24	0.56	-0.55	-4.85	2469	87
Sioux Falls	88	35	61.6	1.5	0.08	-0.56	-1.8	-0.07	2480	107
SOUTH CENTRAL DISTRICT										
Worthington	87	36	58.1	-1.1	0.1	-0.64	-2.56	-3.98m	2327m	68m
North Mankato	83	45	60.2	0.4	0.41	-0.31	-1.07	-4.46m	2296m	-45m
Owatonna	80	41	59	-1.2	0.14	-0.69	-2.41	2.12	2362	38
Waseca	79	40	58.3	-1.9	0.43	-0.39	-1.97	4.5	2332	-25
Winnebago	85	42	59.1	-1.2	0.03	-0.71	-2.57	3.08	2443	77
Cannon Falls	M	M	M	M	M	M	-2.43m	-0.32m	1532m	-695m
SOUTH EAST DISTRICT										
La Crosse	86	44	62.8	1.1	0.41	-0.4	-2.36	1.35	2600	106
Preston	83	38	57.5	-1.9	0.35	-0.49	-2.43	6.86m	2271	55
Red Wing	81	42	58.8	-1.7	0.49	-0.35	-2.3	-1.08	2448	99
Rochester	82	41	59.4	-0.4	0	-0.77	-2.68	7.39	2330	50
Rosemount	78	40	57.9	-1.8	0.31	-0.5	-2.33	-2.01m	2296	20
Winona Dam	83	44	60.4	0	0.5	-0.32	-2.7	4.18	2428	106

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.

Data in this summary are courtesy of National Weather Service Offices and Cooperators, and the University of Minnesota Agricultural Experiment Station. This summary is prepared by the Minnesota Extension Service Agricultural Meteorologist and the Department of Natural Resources State Climatology Office. URL://climate.umn.edu