



Crops & Weather

National Agricultural Statistics Service
Minnesota Field Office

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In Cooperation with the Minnesota Department of Agriculture, National Weather Service – Chanhassen MN,
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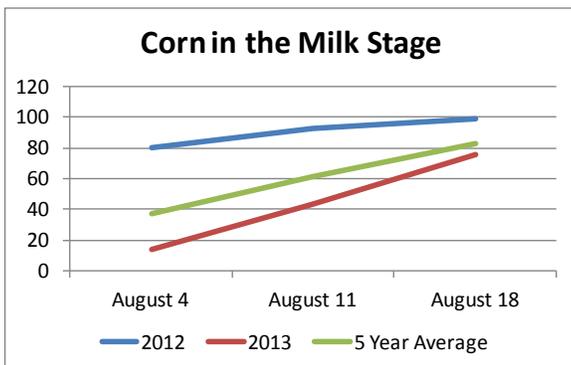
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Cooler and drier than normal weather continued in Minnesota during the week ending August 18, 2013 according to the USDA, National Agricultural Statistics Service. Consecutive sunny days led to 6.7 days suitable for field work, the most of any week this season. Statewide average temperatures were 4 degrees below normal at 64.3 degrees. An average of only 0.10 inch of rain fell statewide, with some regions reporting no rain at all. However, the North Central district received an average of 0.54 inches of rain. Topsoil and subsoil moisture levels fell to 52 and 61 percent adequate to surplus, respectively.

Seventy-six percent of the corn crop was at or beyond the milk stage, 15 days behind last year. Corn at or beyond the dough stage advanced 20 percentage points to 27 percent, one week behind normal. Corn conditions rated 3 percent very poor, 8 percent poor, 29 percent fair, 49 percent good and 11 percent excellent. Ninety-five percent of the soybean crop was at or beyond the blooming stage, slightly behind the normal 98 percent. Seventy-two percent of soybeans were setting pods, 18 days behind last year. Soybean conditions declined slightly to 59 percent good or excellent. Ninety-two percent of the spring wheat crop was turning ripe, 2 percentage points ahead of normal. Spring wheat harvest has reached 23 percent complete, well behind the normal 50 percent. Spring wheat conditions rated 2 percent very poor, 5 percent poor, 29 percent fair, 51 percent good and 13 percent excellent. The oat harvest advanced 35 percentage points to 62 percent complete, compared to last year's 99 percent. Thirty percent of sweet corn has been harvested, slightly behind the average of 35 percent.

Pasture conditions declined to 49 percent good or excellent. The second cutting of alfalfa was nearly complete at 97 percent. Barley and sunflower conditions improved slightly, with 9 and 7 percent rated as excellent, respectively. Sugarbeet conditions declined to 70 percent good or excellent.



Soil Moisture Levels as of August 18, 2013

	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil Moisture	12	36	52	0
Subsoil Moisture	9	30	60	1

Crop Condition as of August 18, 2013

	Very Poor	Poor	Fair	Good	Exc.
Pasture	6	12	33	45	4
Barley	2	8	36	45	9
Spring Wheat.....	2	5	29	51	13
Sugarbeets	1	5	24	60	10
Sunflowers.....	0	3	47	43	7
Corn	3	8	29	49	11
Soybeans	3	8	30	49	10
Potatoes	1	4	16	46	33
Canola	0	3	52	43	2
Dry Beans.....	3	8	33	45	11

Crop Progress as of August 18, 2013

	This Week	Last Week	Last Year	5 Yr Avg
	Days Suitable for Fieldwork	6.7	5.7	6.1

	Percent	Percent	Percent	Percent
Corn milk	76	43	99	83
Corn dough.....	27	7	89	47
Soybeans blooming	95	92	100	98
Soybeans setting pods	72	58	97	87
Oats harvested	62	27	99	73
Spring Wheat turning ripe	92	83	100	90
Spring Wheat harvested	23	3	98	50
Barley turning ripe.....	98	93	100	93
Barley harvested.....	32	16	100	57
Sweet Corn harvested	30	15	61	35
Dry Beans blooming	96	93	100	NA
Dry Beans setting pods.....	85	72	100	NA
Dry Beans fully podded.....	26	6	91	NA
Potatoes harvested.....	10	4	14	13
Alfalfa, second cutting.....	97	94	NA	NA
Alfalfa, third cutting	16	NA	NA	NA

Precipitation and Temperature Summary for 8/12/2013 through 8/18/2013

	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	84	41	66.6	-1.6	0	-0.77	-2.53	-4.42	1570	5
Itasca	M	M	M	M	M	M	M	M	M	M
Moorhead	86	45	68.2	-1.7	0	-0.58	-1.92	5.84	1710	9
Pembina, ND	83	44	63.6	-2.4	0	-0.6	-0.86	1.73	1368	-52
Warroad	81	46	64	-1.7	0	-0.71	-0.85	-5.00m	1218m	-168m
NORTH CENTRAL DISTRICT										
Grand Rapids	82	41	63	-3.8	0	-0.76	-1.85	-2.59	1345	-123
Intl. Falls	80	35	60	-3.9	1.08	0.47	2.58	5.04	1252	-17
NORTH EAST DISTRICT										
Duluth	83	43	64.9	0.1	0	-0.81	-1.86	-0.47	1314	52
Grand Marais	75	47	59.4	-4.3	0	-0.6	-0.87	7.77	694	-263
Hibbing	81	37	59.4	-3.6	0	-0.69	-1.99	-1.42	1278	106
WEST CENTRAL DISTRICT										
Alexandria	81	50	66.5	-2.4	0	-0.82	-1.85	-2.09	1581	-62
Breckenridge	83	43	64	-5.2	0	-0.67	-1.56m	-2.61m	1495m	-179m
Browns Valley	85	39	63.2	-6.4	0	-0.67	-2.09m	-1.13m	1326m	-371m
Canby	80	52	65.2	-5.6	0	-0.61	-0.38	5.98m	1640	-169
Montevideo	81	48	64.5	-5.3	0	-0.76	-0.99	5.28	1598	-149
Morris	80	46	63.6	-5	0	-0.75	-1.69	1.93	1538	-128
Wheaton	83	48	64.8	-5.2	0	-0.62	-0.89	-1.32	1585	-147
CENTRAL DISTRICT										
Becker	82	48	66.4	-2.8	0	-0.88	-2.34	-4.97	1679	-29
Collegeville	78	52	66	-4.6	0	-0.89	-2.41	-0.05	1628	-170
Hutchinson	81	51	66.5	-3.1	0	-1.04	-0.17	3.34m	1655m	-121m
Melrose	80	49	65	-2.8	0	-0.85	-1.78	0.87	1543	-66
Olivia	80	47	63.2	-5.9	0	-0.79	0.12	2.83	1520	-217
St. Cloud	82	45	64	-4.3	0	-0.87	-2.3	0.51	1549	-86
Wadena	79	42	63.2	-3.1	0	-0.71	-1.94m	-1.23m	1264m	-181m
Willmar	80	48	64.6	-5.2	0	-0.94	-0.9	-1.72m	1566	-210
EAST CENTRAL DISTRICT										
Aitkin	80	41	62.5	-3.2	0	-0.7	-1.9	.66m	1253m	-165m
Forest Lake	85	51	67.8	-2.5	0.04	-0.83	-2.51	0.31	1637	-126
MSP Airport	83	57	69.8	-1.9	0	-1	-1.82	5.26	1888	4
Mora	80	46	63.3	-4.3	0	-0.85	-2.71	-0.77m	1468	-91
St. Paul - UofM	80	51	66.3	-4	0	-0.87	-2.36	5.9	1617	-146
SOUTH WEST DISTRICT										
Lamberton	80	49	64.5	-5	0.03	-0.8	-2.02	-1.92	1696	-91
Marshall	81	52	66.7	-3.9	0	-0.76	-1.95	-1.56m	1741	-74
Pipestone	78	40	62.7	-7	0.01	-0.69	-2.47m	-1.25m	1566m	-156m
Redwood Falls	82	51	65.8	-4.7	0	-0.85	-1.56	-3.51	1743	-93
Sioux Falls	80	52	65.2	-5.9	0.02	-0.67	-0.24	2.22	1724	-94
SOUTH CENTRAL DISTRICT										
Worthington	77	47	62.1	-7.1	0.73	-0.13	-1.05	-0.71m	1650m	-96m
North Mankato	81	47	64.6	-5.8	0	-0.96	-2.97m	-3.15m	1611m	-191m
Owatonna	80	50	65.6	-4.6	0	-1.09	-2.77	4.5	1661	-119
Waseca	80	48	64.6	-5.7	0	-1.1	-1.95	6.55	1639	-173
Winnebago	79	52	65	-5.3	0.32	-0.67	-0.6	6.49	1734	-87
Cannon Falls	M	M	M	M	M	M	M	M	M	M
SOUTH EAST DISTRICT										
La Crosse	84	52	68.2	-3.7	0	-0.98	-1.92	4.56	1837	-71
Preston	81	45	63.2	-6.3	0.03	-1.08	-1.53	10.07m	1600	-97
Red Wing	85	51	66.8	-3.7	0.05	-0.93	-1.58	2.06	1728	-69
Rochester	79	49	64.4	-5.1	0	-1.04	-2.35	10.57	1639	-113
Rosemount	80	51	65.5	-4.3	0	-1.09	-1.76m	1.01m	1612	-134
Winona Dam	83	54	66.8	-3.9	0.68	-0.34	-2.07	7.78	1710	-57

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.

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