



# 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,  
Univ. of Minn. Extension Service, DNR State Climatology Office, USDA-FSA, USDA-NRCS, and Local FACs

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Mostly dry conditions allowed Minnesota farmers to continue small grain harvest during the week ending August 25, 2013 according to the USDA, National Agricultural Statistics Service. Warmer than normal temperatures and continued sunny days led to 6.6 days suitable for field work. Statewide average temperatures were 6.7 degrees above normal at 73.5 degrees. An average of 0.31 inch of rain fell statewide, 0.50 inch below normal. The Northwest district was the only region to receive above normal precipitation at 0.90 inch. Topsoil and subsoil moisture levels continued to decline and were rated 66 and 56 percent very short or very short, respectively.

Eighty-five percent of the corn crop was at or beyond the milk stage, compared to the five-year average of 94 percent. Corn at or beyond the dough stage advanced to 44 percent, compared with 96 percent last year and the average of 66 percent. Corn is 5 percent dented, two weeks behind normal. Corn conditions were rated 3 percent very poor, 9 percent poor, 32 percent fair, 46 percent good and 10 percent excellent. Eight-five percent of soybeans were setting pods, lagging behind last year's 100 percent and the normal 95 percent. Soybean conditions declined slightly to 54 percent good or excellent. Nearly all spring wheat has ripened. Spring wheat harvest reached 65 percent complete, nearly catching up to the normal harvesting pace of 66 percent. Spring wheat conditions rated 2 percent very poor, 5 percent poor, 27 percent fair, 56 percent good and 10 percent excellent. The oat harvest advanced 18 percentage points to 80 percent complete, 5 points behind normal. Dry conditions resulted in declining crop conditions, with the exception of a marginal improvement in sunflower condition.

Less than one-third of Minnesota's pastures were rated good to excellent. Harvest of third cutting alfalfa hay advanced 29 points to 45 percent complete.

## Soil Moisture Levels as of August 25, 2013

	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil Moisture	23	43	34	0
Subsoil Moisture	15	41	44	0

## Crop Condition as of August 25, 2013

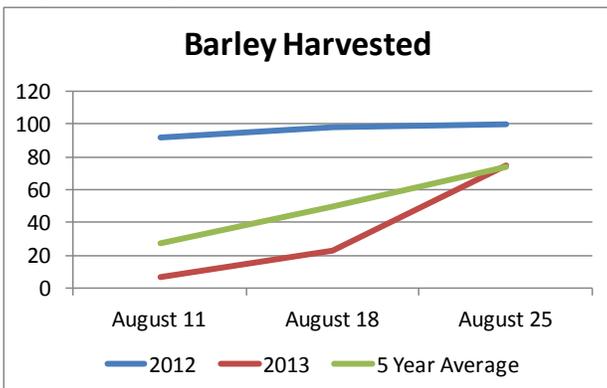
	Very Poor	Poor	Fair	Good	Exc.
Pasture .....	11	24	33	29	3
Barley .....	2	9	37	44	8
Spring Wheat.....	2	5	27	56	10
Sugarbeets .....	1	5	27	59	8
Sunflowers.....	0	3	44	48	5
Corn .....	3	9	32	46	10
Soybeans .....	3	9	34	45	9
Potatoes .....	2	4	15	47	32
Canola .....	0	4	66	28	2
Dry Beans.....	4	14	38	37	7

## Crop Progress as of August 25, 2013

	This Week	Last Week	Last Year	5 Yr Avg
	Days Suitable for Fieldwork	6.6	6.7	6.3

	Percent	Percent	Percent	Percent
Corn milk .....	85	76	100	94
Corn dough.....	44	27	96	66
Corn dent.....	5	NA	71	32
Soybeans setting pods .....	85	72	100	95
Oats harvested .....	80	62	100	85
Spring Wheat turning ripe .....	99	92	100	96
Spring Wheat harvested .....	65	23	100	66
Barley harvested.....	75	32	100	74
Sweet Corn harvested .....	45	30	72	49
Dry Beans setting pods.....	94	85	100	NA
Dry Beans fully podded.....	72	26	96	NA
Dry Beans leaves yellow.....	8	NA	75	NA
Potatoes harvested.....	15	10	21	18
Alfalfa, third cutting.....	45	16	NA	NA



## Precipitation and Temperature Summary for 8/19/2013 through 8/25/2013

	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		
<b>NORTHWEST DISTRICT</b>										
Crookston	99	49	75.4	8.9	0.16	-0.59	-2.61	-5.01	1735	52
Itasca	M	M	M	M	M	M	-2.86m	-5.15m	894m	-574m
Moorhead	96	52	77.2	8.9	0.05	-0.54	-1.92	5.3	1885	55
Pembina, ND	91	47	69.1	4.7	0.88	0.3	-0.89	2.02	1500	-28
Warroad	92	46	68.6	4.5	2.51	1.82	0.86	-3.19m	1351m	-140m
<b>NORTH CENTRAL DISTRICT</b>										
Grand Rapids	94	47	73.8	8.6	0.5	-0.24	-2.04	-2.84	1505	-74
Intl. Falls	89	41	69.6	7.3	0.3	-0.32	-0.13	4.73	1397	33
<b>NORTH EAST DISTRICT</b>										
Duluth	94	51	75.2	11.8	0.05	-0.8	-2.5	-1.27	1483	120
Grand Marais	91	49	64.1	1.3	0.16	-0.45	-2.19	7.32	793	-261
Hibbing	92	39	70.4	9	0.38	-0.29	-1.73	-1.71	1423	162
<b>WEST CENTRAL DISTRICT</b>										
Alexandria	92	58	77.6	10.3	0.15	-0.66	-1.9	-2.75	1766	-1
Breckenridge	93	55	75.5	8	0	-0.67	-1.52m	-3.28m	1669m	-130m
Browns Valley	94	51	74.9	7	0	-0.66	-2.31m	-1.79m	1490m	-334m
Canby	M	M	M	M	M	M	-.46m	5.36m	1640m	-304m
Montevideo	89	56	73.3	5	0	-0.77	-1.2	4.5	1760	-116
Morris	89	52	72.6	5.5	0	-0.73	-1.86	1.2	1695	-93
Wheaton	94	57	74.6	6.3	0	-0.65	-1.24	-1.97	1750	-111
<b>CENTRAL DISTRICT</b>										
Becker	89	56	75.6	7.9	0	-0.9	-2.58	-5.87	1854	21
Collegeville	90	60	76.4	7.3	0.25	-0.66	-2.55	-0.71	1809	-123
Hutchinson	89	59	75.2	7.1	0	-1.03	-0.82	2.31m	1829m	-76m
Melrose	89	51	73.8	7.6	0.02	-0.83	-2.42	0.04	1707	-19
Olivia	87	54	72.6	5.1	0	-0.81	-0.54	2.03	1680	-182
St. Cloud	94	51	76.6	9.9	0.09	-0.8	-2.61	-0.29	1726	-28
Wadena	91	48	73.5	8.8	0.01	-0.68	-2.83m	-1.91m	1426m	-127m
Willmar	88	55	73.8	5.6	0.04	-0.91	-1.35	-2.63m	1731	-174
<b>EAST CENTRAL DISTRICT</b>										
Aitkin	92	44	70.3	6.1	0	-0.7	-2.23	-0.04m	1396m	-126m
Forest Lake	92	57	75.6	6.9	0	-0.86	-2.61	-0.55	1808	-87
MSP Airport	96	64	80.3	10.2	0	-0.97	-1.94	4.29	2089	65
Mora	91	48	73.4	7.3	0	-0.85	-2.92	-1.63m	1628	-47
St. Paul - UofM	89	59	75.6	6.9	0	-0.86	-2.65	5.04	1796	-99
<b>SOUTH WEST DISTRICT</b>										
Lamberton	88	57	73.6	5.5	0.6	-0.24	-1.46	-2.16	1862	-53
Marshall	91	58	77.2	8.1	0.36	-0.4	-1.57	-1.96m	1925	-24
Pipestone	87	55	72.6	4.4	0.02	-0.7	-2.66m	-1.95m	1725m	-125m
Redwood Falls	94	57	78	9	0.06	-0.79	-1.6	-4.29	1931	-38
Sioux Falls	90	64	77.2	7.7	0.2	-0.5	-0.09	1.73	1911	-43
<b>SOUTH CENTRAL DISTRICT</b>										
Worthington	87	57	72.4	4.6	0.16	-0.71	-1.11	-1.43m	1808m	-64m
North Mankato	87	58	72.2	3.3	0.71	-0.23	-2.60m	-3.38m	1768m	-167m
Owatonna	87	59	74	5.2	1.1	0.03	-2.11	4.53	1831	-81
Waseca	88	57	73.4	4.5	1	-0.08	-2.23	6.47	1804	-141
Winnebago	86	56	74	5.1	0.13	-0.84	-0.95	5.66	1904	-49
Cannon Falls	M	M	M	M	M	M	-3.14m	3.16m	1359m	-484m
<b>SOUTH EAST DISTRICT</b>										
La Crosse	95	61	77.4	7	0.11	-0.86	-2.84	3.7	2022	-27
Preston	86	52	72	3.9	0.33	-0.78	-3.06	9.29m	1756	-69
Red Wing	90	59	75.7	6.6	0.15	-0.85	-2.1	1.22	1907	-24
Rochester	88	57	74.1	5.9	0.51	-0.5	-2.32	10.07	1809	-72
Rosemount	87	57	74.2	5.8	0.38	-0.69	-1.57m	.32m	1783	-93
Winona Dam	86	58	73.7	4.4	0.11	-0.9	-2.8	6.88	1877	-25

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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