



# Minnesota Crop Progress & Condition



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Cooperating with the Minnesota Department of Agriculture

For the week ending August 10, 2014  
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Minnesota farmers saw 6.3 days suitable for fieldwork across the state, allowing steady progress to be made on small grain harvest for the week ending August 10, 2014, according to the USDA National Agricultural Statistics Service. In spite of the heavy precipitation received earlier in the season, most Minnesota farmers would like to see their row crops receive additional moisture. Some farmers have started to spray for aphids.

**Topsoil moisture** supplies were rated 5 percent very short, 31 percent short, 61 percent adequate, and 3 percent surplus. **Subsoil moisture** supplies were rated 2 percent very short, 18 percent short, 76 percent adequate, and 4 percent surplus.

Ninety-four percent of the **corn** crop was at or beyond the silking stage, up 9 points from the previous week, with 70 percent in good to excellent condition. Ninety-four percent of the **soybean** crop has reached the blooming stage with 74 percent of the soybean acres setting pods, up 19 points from the previous week. Soybean conditions rated 65 percent good to excellent. Eighty-one percent of the **Spring wheat** crop was turning color or beyond, with six percent of the crop harvested. Fifty-four percent of the Spring wheat crop was in good to excellent condition. Ninety-three percent of the **oat** crop was turning color or beyond. At 54 percent complete, the oat harvest is the only Minnesota crop ahead of average. Oat conditions decreased to 62 percent good to excellent. **Dry edible beans** progressed to 92 percent at or beyond the blooming stage, with 69 percent setting pods. Dry edible bean condition was unchanged from last week with 53 percent of the crop in good to excellent condition. **Sugarbeet** conditions increased slightly from last week and now stand at 65 percent in good to excellent condition. **Sunflower** conditions held steady at 38 percent rated good to excellent.

The **second and third cuttings of alfalfa hay** were 86 and 28 percent complete, respectively. **All hay** conditions decreased slightly to 69 percent good to excellent. **Pasture** conditions decreased to 64 percent good to excellent.

## Soil Moisture Conditions as of August 10, 2014

	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil Moisture .....	5	31	61	3
Subsoil Moisture .....	2	18	76	4

## Crop Conditions as of August 10, 2014

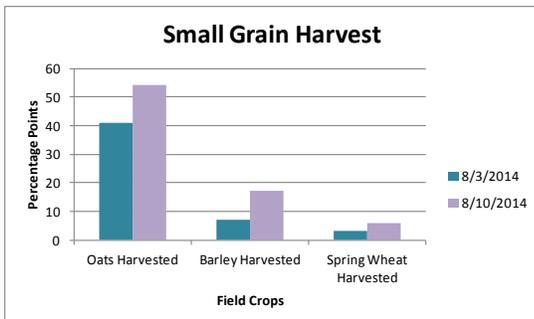
	Very Poor	Poor	Fair	Good	Exc.
	Percent	Percent	Percent	Percent	Percent
Barley .....	5	10	36	44	5
Corn .....	1	6	23	57	13
Oats .....	2	8	28	54	8
Pasture .....	3	7	26	52	12
Soybeans .....	2	6	27	56	9
Spring Wheat .....	2	9	35	48	6
Hay, all .....	2	4	25	55	14
Potatoes, all .....	0	2	13	55	30
Sugarbeets .....	3	10	22	45	20
Dry Edible Beans .....	3	10	34	47	6
Sunflowers .....	1	7	54	32	6

## Crop Progress as of August 10, 2014

	This Week	Last Week	Last Year	5 Yr Avg
	Days Suitable for Fieldwork	6.3	6.5	5.8

	Percent	Percent	Percent	Percent
Oats turning color .....	93	86	93	95
Oats harvested .....	54	41	25	51
Barley turning color .....	85	73	92	86
Barley harvested .....	17	7	15	37
Spring Wheat turning color ...	81	63	81	84
Spring Wheat harvested .....	6	1	3	33
Corn, silking .....	94	85	94	97
Corn, dough .....	44	23	6	24
Soybeans blooming .....	94	85	90	94
Soybeans setting pods .....	74	55	54	67
Dry Ed. Beans blooming .....	92	85	92	(NA)
Dry Ed. Beans setting pods ...	69	46	68	(NA)
Alfalfa Hay, second cutting ...	86	76	92	(NA)
Alfalfa Hay, third cutting .....	28	13	4	(NA)

NA: Not Available



The following links provide 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 Temperature Summary for 8/4/2014 through 8/10/2014

	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	84	52	69.6	0.3	0.01	-0.74	-0.97	-0.04	1478	61
Itasca	m	m	m	m	m	m	-2.27m	3.59m	784m	-451m
Moorhead	83	52	69.5	-1.6	0.01	-0.55	-1.39	1.50	1604	63
Pembina, ND	85	53	70.4	3.2	0.00	-0.61	-1.34	2.28m	1040m	-247m
Warroad	m	m	m	m	m	m	m	-2.66m	468m	-788m
<b>NORTH CENTRAL DISTRICT</b>										
Grand Rapids	85	48	67.8	-0.2	0.88	0.08	-1.49	3.01	1339	9
Intl. Falls	82	41	63.9	-1.2	0.19	-0.45	0.57	7.68	1180	30
<b>NORTH EAST DISTRICT</b>										
Duluth	80	49	66.0	0.1	0.22	-0.58	-1.84	0.91	1206	68
Grand Marais	73	52	62.1	-2.0	0.12	-0.49	0.01	2.49m	627m	-213m
Hibbing	84	43	65.2	1.1	0.00	-0.75	-2.87	4.26	1263	204
<b>WEST CENTRAL DISTRICT</b>										
Alexandria	81	56	70.0	-0.2	1.48	0.68	0.24	6.19	1504m	13m
Breckenridge	86	53	69.0	-1.5	0.18	-0.51	-2.34m	2.34m	1309m	-211m
Browns Valley	m	m	m	m	m	m	-2.05m	.07m	932m	-608m
Canby	m	m	m	m	m	m	-2.09m	2.51m	1429m	-215m
Montevideo	87	53	68.8	-2.3	2.60	1.85	0.02	3.22	1558	-30
Morris	82	55	68.5	-1.3	1.14	0.36	-1.79	2.87	1482	-34
Wheaton	81	54	68.3	-3.0	0.17	-0.44	-1.08	3.20	1502	-70
<b>CENTRAL DISTRICT</b>										
Becker	86	55	72.2	1.8	0.92	0.03	-1.92	9.00	1626	72
Collegeville	81	56	69.8	-2.1	1.46	0.61	-0.89	3.89	1607	-27
Hutchinson	88	59	73.0	2.1	0.13	-0.85	-2.44	2.65m	1655	36
Melrose	81	55	69.2	0.1	0.28	-0.56	-1.66	7.27	1464	-1
Olivia	84	53	68.7	-1.7	0.00	-0.77	-2.35	5.92	1480	-104
St. Cloud	85	55	71.4	1.8	1.00	0.18	-1.38	7.09	1647	161
Wadena	m	m	m	m	m	m	-2.45m	2.67m	918m	-393m
Willmar	85	56	69.4	-1.7	0.26	-0.65	-2.33	4.47	1490	-128
<b>EAST CENTRAL DISTRICT</b>										
Aitkin	84	51	68.1	1.1	0.31	-0.43	-2.03	2.67	1435	148
Forest Lake	86	56	72.0	0.5	0.01	-0.89	-3.44	4.90	1594	-7
MSP Airport	84	62	73.8	0.8	0.15	-0.84	-2.40	9.55	1753	40
Mora	83	54	69.3	0.4	0.92	0.07	-0.22	9.42	1424	9
St. Paul - UofM	86	59	73.5	2.0	0.00	-0.90	-3.11	5.77	1725	124
<b>SOUTH WEST DISTRICT</b>										
Lamberton	86	53	69.0	-1.8	0.03	-0.79	-2.49	-1.48	1581	-49
Marshall	86	52	69.8	-2.1	0.08	-0.69	-2.63	1.86	1682	31
Pipestone	87	58	70.0	-1.0	1.51	0.82	0.09	0.88	1554	-10
Redwood Falls	81	58	71.2	-0.5	0.13	-0.70	-2.66	4.24	1698	25
Sioux Falls	83	60	70.0	-2.4	1.00	0.32	-1.30	4.42	1644	-7
Worthington	83	45	66.2	-4.3	0.09	-0.74	-2.44	-2.09m	1436m	-155m
<b>SOUTH CENTRAL DISTRICT</b>										
North Mankato	86	58	70.8	-0.8	0.10	-0.86	-3.30	3.40m	1589	-51
Owatonna	84	58	71.4	0.1	0.06	-1.03	-3.88	1.45	1595	-25
Waseca	86	61	71.8	0.4	0.40	-0.68	-3.22	5.19	1565	-86
Winnebago	86	58	71.6	0.1	0.34	-0.64	-2.82m	1.63m	1619m	-39m
<b>SOUTH EAST DISTRICT</b>										
Cannon Falls	84	55	69.3	-1.1	0.00	-1.08	-3.24m	-1.83m	1060m	-503m
La Crosse	85	60	72.8	-0.3	0.61	-0.36	-1.82	4.96	1815	79
Preston	85	53	68.8	-1.8	0.51	-0.56	-3.00m	.85m	1474m	-67m
Red Wing	88	59	72.8	1.1	0.01	-0.94	-2.95	5.73	1709	76
Rochester	84	58	69.7	-1.0	0.25	-0.79	-3.09	-1.18	1559	-37
Rosemount	84	57	71.2	0.3	0.00	-1.08	-3.46m	7.60m	1590	2
Winona Dam	84	61	72.1	0.4	1.44	0.43	-2.10	0.68	1664	62

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