



# Minnesota Crop Progress & Condition

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Cooperating with the Minnesota Department of Agriculture

For the week ending August 17, 2014  
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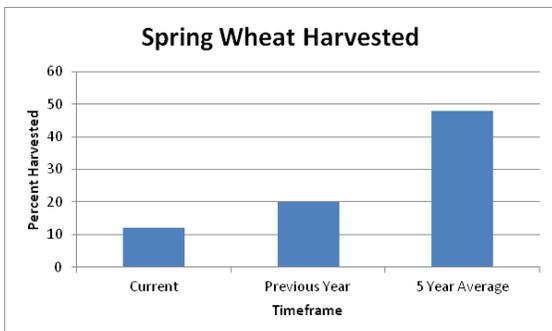
Weekend rain gave Minnesota crops much needed precipitation during the week ending August 17, 2014, according to USDA's National Agricultural Statistics Service. In an otherwise dry week, there were **6.0 days suitable for fieldwork** across the state. Field activities for the week included spraying for aphids, cutting hay, and small grain harvesting.

**Topsoil moisture** supplies were rated 8 percent very short, 35 percent short, 54 percent adequate, and 3 percent surplus. **Subsoil moisture** supplies were rated 4 percent very short, 24 percent short, 70 percent adequate, and 2 percent surplus.

Sixty-three percent of the **corn** crop was at or beyond the dough stage, up 19 points from the previous week, with 68 percent in good to excellent condition. Ninety-six percent of the **soybean** crop has reached the blooming stage with 85 percent of the soybean acres setting pods, up 11 points from the previous week. Soybean conditions rated 64 percent good to excellent. Spring wheat harvest is nearly 3 weeks behind the five-year average, with only 12 percent harvested.

Fifty-seven percent of the Spring wheat crop was in good to excellent condition. Ninety-six percent of the **oat** crop was turning color or beyond, with 67 percent of the crop now harvested. **Dry edible beans** progressed to 98 percent at or beyond the blooming stage, with 80 percent setting pods. Dry edible bean condition decreased slightly from last week with 52 percent of the crop now in good to excellent condition. **Sugarbeet** conditions increased slightly from last week and now stand at 66 percent in good to excellent condition. **Sunflower** conditions now stand at 39 percent rated good to excellent.

The **second and third cuttings of alfalfa hay** were 91 and 41 percent complete, respectively. **All hay** conditions decreased to 66 percent good to excellent. **Pasture** conditions decreased to 59 percent good to excellent.



## Soil Moisture Conditions as of August 17, 2014

	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil Moisture ...	8	35	54	3
Subsoil Moisture ...	4	24	70	2

## Crop Conditions as of August 17, 2014

	Very Poor	Poor	Fair	Good	Exc.
	Percent	Percent	Percent	Percent	Percent
Barley .....	5	10	37	43	5
Corn .....	1	6	25	55	13
Pasture .....	3	8	30	49	10
Soybeans .....	2	6	28	54	10
Spring Wheat...	2	7	34	50	7
Hay, all .....	2	4	28	55	11
Potatoes, all....	0	2	13	53	32
Sugarbeets .....	0	6	28	45	21
Dry Ed. Beans .	3	10	35	46	6
Sunflowers.....	0	7	54	32	7

## Crop Progress as of August 17, 2014

	This Week	Last Week	Last Year	5 Yr Avg
	Days Suitable for Fieldwork	6.0	6.3	6.6

	Percent	Percent	Percent	Percent
Oats turning color .....	96	93	98	98
Oats harvested .....	67	54	57	71
Barley turning color .....	94	85	97	94
Barley harvested .....	24	17	30	52
Spring Wheat turning color ..	93	81	91	90
Spring Wheat harvested .....	12	6	20	48
Corn, silking .....	98	94	99	99
Corn, dough .....	63	44	24	44
Corn, dented .....	6	0	1	13
Soybeans blooming .....	96	94	95	97
Soybeans setting pods .....	85	74	70	82
Dry Ed. Beans blooming .....	98	92	96	(NA)
Dry Ed. Beans setting pods ..	80	69	83	(NA)
Alfalfa Hay, second cutting ..	91	86	96	(NA)
Alfalfa Hay, third cutting .....	41	28	14	(NA)

NA: Not Available

### Precipitation and Temperature Summary for 8/11/2014 through 8/17/2014

	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	86	48	69.0	0.7	0	-0.77	-1.10	-0.81	1614	67
Itasca	M	M	M	M	M	M	-2.19m	2.84m	784m	-565m
Moorhead	88	49	71.6	1.5	0.79	0.21	-0.58	1.71	1757	76
Pembina, ND	86	50	68.2	2.0	0	-0.60	-1.28	1.68m	1169m	-235m
Warroad	M	M	M	M	M	M	M	-3.37m	468m	-903m
<b>NORTH CENTRAL DISTRICT</b>										
Grand Rapids	85	49	65.0	-2.0	0.34	-0.42	-1.20	2.59	1447	-5
Intl. Falls	84	37	60.8	-3.3	0.07	-0.54	-0.52	7.14	1276	21
<b>NORTH EAST DISTRICT</b>										
Duluth	82	51	64.5	-0.5	2.18	1.37	0.14	2.28	1309	62
Grand Marais	80	50	62.4	-1.4	0.17	-0.43	-0.51	2.06m	712m	-231m
Hibbing	85	38	63.6	0.5	0.89	0.20	-1.99	4.45	1371	213
<b>WEST CENTRAL DISTRICT</b>										
Alexandria	83	56	69.2	0.1	0.60	-0.22	0.76	5.97	1640m	15m
Breckenridge	86	49	70.2	0.8	1.30	0.63	-.88m	2.97m	1452m	-204m
Browns Valley	85	47	69.4	-0.4	0.07	-0.60	-1.88m	-0.53m	1072m	-606m
Canby	84	54	69.7	-1.3	0.16	-0.45	2.72m	6.62m	1675m	-114m
Montevideo	83	50	68.6	-1.4	0.07	-0.69	0.13	2.53	1690	-38
Morris	83	51	68.2	-0.6	0.55	-0.21	-1.13	2.66	1612	-36
Wheaton	84	52	69.2	-1.0	0.90	0.28	-0.69	3.48	1638	-75
<b>CENTRAL DISTRICT</b>										
Becker	86	55	71.4	2.1	0.07	-0.81	-1.77	8.18	1778	89
Collegeville	83	55	70.4	-0.4	0.14	-0.75	-0.87	3.14	1753	-26
Hutchinson	86	53	71.6	1.8	0.20	-0.83	-2.53	1.81m	1808	51
Melrose	84	52	69.2	1.2	0.45	-0.40	-1.30	6.86	1600	8
Olivia	83	50	67.8	-1.5	0.41	-0.38	-1.96	5.55	1606	-113
St. Cloud	86	58	71.4	2.9	0.09	-0.77	-1.47	6.31	1800	183
Wadena	M	M	M	M	M	M	-1.80m	2.52m	953m	-476m
Willmar	84	55	69.0	-1.0	0.78	-0.16	-1.70	4.31	1625	-132
<b>EAST CENTRAL DISTRICT</b>										
Aitkin	85	48	68.2	2.3	1.48	0.78	-0.83	3.45	1565	163
Forest Lake	87	54	70.2	-0.3	3.90	3.02	0.51	7.92	1737	-6
MSP Airport	86	57	72.4	0.5	0.39	-0.61	-2.19	8.94	1912	49
Mora	84	52	67.8	0.0	1.01	0.16	0.16	9.58	1549	8
St. Paul - UofM	84	58	71.9	1.4	0.44	-0.44	-2.73	5.33	1880	137
<b>SOUTH WEST DISTRICT</b>										
Lamberton	86	52	69.2	-0.5	0.66	-0.17	-1.83	-1.64	1718	-50
Marshall	86	51	70.9	0.1	0.54	-0.22	-2.21m	1.56m	1830	35
Pipestone	84	48	66.8	-3.1	0.67	-0.03	0.79	0.86	1675	-27
Redwood Falls	86	52	71.7	1.1	0.15	-0.70	-2.57	3.54	1852	36
Sioux Falls	84	51	70.0	-1.3	1.11	0.42	-0.21	4.83	1787	-11
Worthington	83	49	67.2	-2.2	0.43	-0.43	-2.09	-2.52m	1558m	-169m
<b>SOUTH CENTRAL DISTRICT</b>										
North Mankato	82	44	66.2	-4.4	0.52	-0.44	-2.80	2.95m	1705	-77
Owatonna	82	54	69.7	-0.6	0.17	-0.92	-3.84m	0.49m	1690m	-71m
Waseca	82	53	69.0	-1.4	-0.03	1.07	-3.31	4.13	1698	-95
Winnebago	84	54	69.6	-0.9	0.15	-0.84	-2.72m	0.79m	1758m	-43m
<b>SOUTH EAST DISTRICT</b>										
Cannon Falls	83	53	69.6	0.2	0.52	-0.58	-2.88m	-2.41m	1198m	-500m
La Crosse	85	51	70.2	-1.8	0.07	-0.91	-1.89	4.05	1958	71
Preston	83	50	67.3	-2.3	-0.02	1.09	-3.22	-0.24m	1596m	-82m
Red Wing	86	56	70.8	0.1	0.02	-0.96	-3.14	4.77	1857	80
Rochester	82	53	68.2	-1.5	0.63	-0.41	-2.58	-1.59	1688	-45
Rosemount	83	55	70.8	0.9	0.18	-0.91	-3.49m	6.69m	1736	9
Winona Dam	83	55	68.8	-2.1	0.03	-0.99	-2.38	-0.31	1796	49

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