



Minnesota Crop Progress & Condition

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Cooperating with the Minnesota Department of Agriculture

For the week ending July 24, 2016
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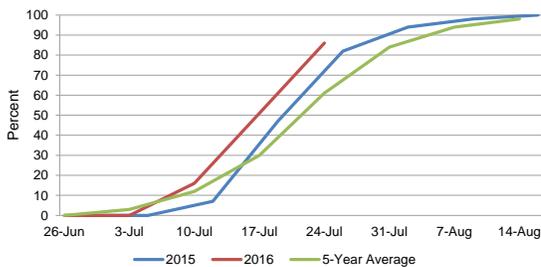
Hot and humid weather aided corn development during the week ending July 24, 2016. There were 4.0 **days suitable for fieldwork**. There were reports of heavy rain and strong winds during the first half of the week across most of the state. Small grains and alfalfa hay were harvested when weather permitted.

Topsoil moisture supplies were rated 0 percent very short, 1 percent short, 75 percent adequate, and 24 percent surplus. **Subsoil moisture** supplies were rated 1 percent very short, 4 percent short, 77 percent adequate, and 18 percent surplus.

Minnesota's **corn** acreage jumped 35 percentage points to 86 percent silking, 8 days ahead of the five-year average and 5 days ahead of last year. Across the southern two-thirds of Minnesota some corn acreage was entering the dough stage. Corn condition rated 84 percent good to excellent, up 2 percentage points from the previous week. With 90 percent of the **soybean** crop blooming or beyond, 39 percent of the soybean crop was setting pods, 5 days ahead of average and 1 day ahead of last year. Soybean condition rated 78 percent good to excellent. Eighty-six percent of the **spring wheat** acreage was turning color, 15 days ahead of average and 1 day ahead of last year. There were a few reports of spring wheat harvested, and the condition rated 69 percent good to excellent. With ninety-two percent of the **oat** crop turning color, 10 percent was harvested for grain, 3 days behind average but 1 day ahead of the previous year. Oat condition rated 78 percent good to excellent, down 3 percentage points from the previous week. Ninety percent of the **barley** crop was turning color and 5 percent was harvested. Barley condition rated 62 percent good to excellent. Ninety-four percent of the **dry edible bean** crop was blooming, with 34 percent setting pods. Dry edible bean condition rated 66 percent good to excellent. **Sunflower** condition rated 57 percent good to excellent, up 6 percentage points from last week. **Potato condition** rated 91 percent good to excellent, up 2 percentage points from the previous week. **Sugarbeet** condition rated 85 percent good to excellent.

The second cutting of **alfalfa hay** was 82 percent complete, 3 days ahead of last year. The third cutting of alfalfa hay was 22 percent complete, 10 days ahead of last year. **All hay** condition rated 81 percent good to excellent. **Pasture** condition rated 79 percent good to excellent. Heat and humidity caused stress to livestock during the week.

Corn Silking - Minnesota: July 24, 2016



Soil Moisture Supplies as of July 24, 2016

	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture	0	1	75	24
Subsoil moisture	1	4	77	18

Crop Progress as of July 24, 2016

	This week	Last week	Last year	5-year average
	(percent)	(percent)	(percent)	(percent)
Days suitable for fieldwork	4.0	3.3	5.1	5.3
Barley coloring	90	71	88	60
Barley harvested	5	1	1	9
Corn silking	86	51	72	61
Dry edible beans blooming	94	72	86	68
Dry edible beans setting pods	34	5	35	24
Hay, alfalfa, second cutting	82	72	76	(NA)
Hay, alfalfa, third cutting	22	13	4	(NA)
Oats coloring	92	78	85	67
Oats harvested	10	2	8	14
Soybeans blooming	90	72	86	70
Soybeans setting pods	39	12	37	24
Spring wheat coloring	86	61	83	54

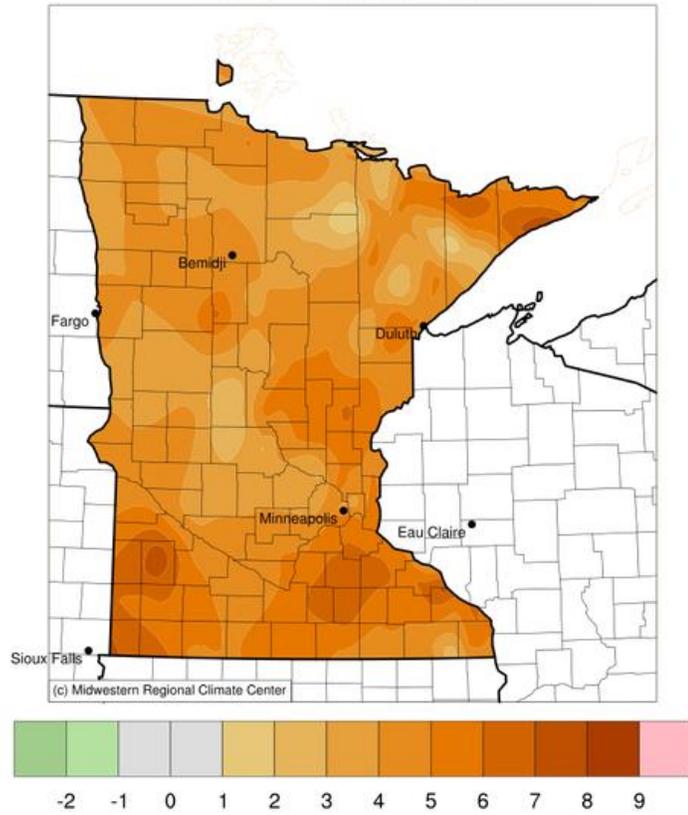
(NA) Not available.

Crop Condition as of July 24, 2016

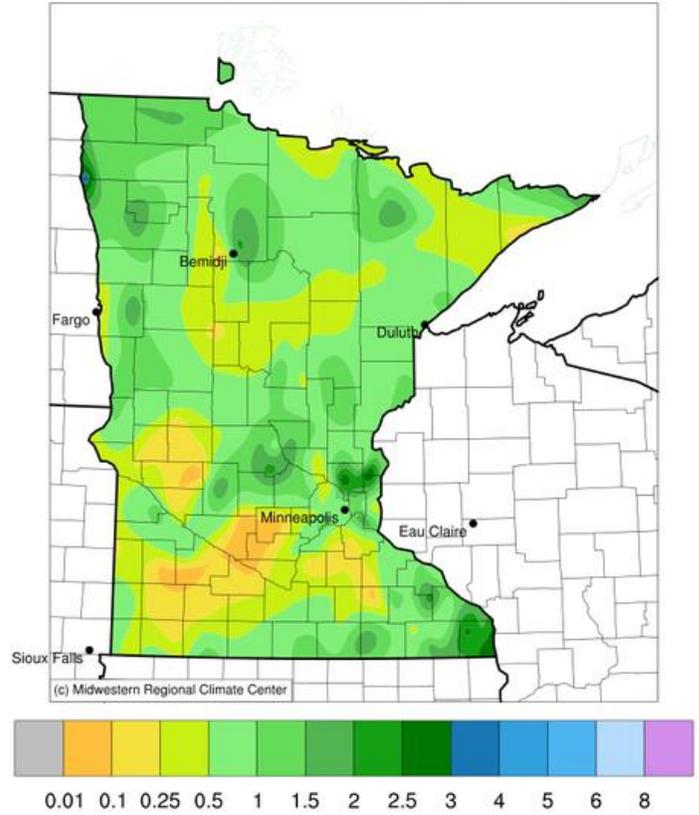
	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Barley	6	7	25	53	9
Corn	0	3	13	62	22
Dry ed. beans	2	5	27	56	10
Hay, all	1	4	14	63	18
Oats	1	4	17	59	19
Pasture	1	5	15	63	16
Potatoes	0	1	8	63	28
Soybeans	1	3	18	60	18
Sugarbeets	2	3	10	23	62
Sunflowers	2	4	37	50	7
Spring wheat	3	5	23	55	14

Minnesota Temperatures and Precipitation for the week ending July 24, 2016

Average Temperature (°F): Departure from 1981-2010 Normals
July 18, 2016 to July 24, 2016



Accumulated Precipitation (in)
July 18, 2016 to July 24, 2016



National Weather Service data, courtesy of the Minnesota Department of Natural Resources State Climatology Office, is available at: <http://www.dnr.state.mn.us/climate/historical/summary.html>

Growing Degree Days can be found at <https://mygeohub.org/groups/u2u/gdd>

Temperature and Precipitation Maps, courtesy of the Midwestern Regional Climate Center, are available at: <http://mrcc.isws.illinois.edu/CLIMATE/>