United States Department of Agriculture
National Agricultural Statistics Service

# Minnesota Crop Progress & Condition

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**Cooperating with the Minnesota Department of Agriculture**

For the week ending July 23, 2017
Issued July 24, 2017

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Scattered rain and warm temperatures allowed for 4.5 **days suitable for fieldwork** during the week ending in July 23, 2017, according to USDA's National Agricultural Statistics Service. Activities for the week included baling hay, and isolated aerial spraying of pesticides.

**Topsoil moisture** supplies rated 2 percent very short, 17 percent short, 74 percent adequate and 7 percent surplus. **Subsoil moisture** supplies rated 2 percent very short, 15 percent short, 79 percent adequate and 4 percent surplus.

The **corn** crop was 61 percent silked, five days behind last year. Corn crop condition rated 80 percent good to excellent. Seventy percent of the **soybean** crop was blooming, eight days behind last year, and three days behind the five year average. Twenty percent of soybeans were setting pods. Soybean condition remained at 72 percent good to excellent.

Fifty-two percent of **spring wheat** was coloring, five days behind average. Spring wheat condition rated 84 percent good to excellent. Sixty-eight percent of oats were turning color with a few reports of oats being harvested. Oats condition was 81 percent good to excellent. Sixty-four percent of **barley** was turning color, and barley condition rated 85 percent good to excellent. Seventy percent of the **dry edible bean** crop reached the blooming stage, with 11 percent setting pods. Dry edible bean condition rated 77 percent good to excellent. **Sunflower** crop condition remained at 89 percent good to excellent. **Potato** condition was rated 94 percent good to excellent. **Sugarbeet** condition rating improved to 86 percent good to excellent.

The second cutting of **alfalfa hay** progressed to 86 percent complete, and the third cutting reached 16 percent complete. **All hay** condition rating declined slightly to 81 percent good to excellent. **Pasture** condition rating also declined to 70 percent good to excellent.

### Soil Moisture Supplies as of July 23, 2017

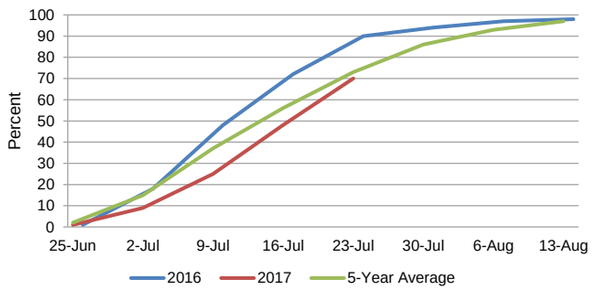
| | Very Short | Short | Adequate | Surplus |
|---|---|---|---|---|
| | (percent) | (percent) | (percent) | (percent) |
| Topsoil Moisture | 2 | 17 | 74 | 7 |
| Subsoil Moisture | 2 | 15 | 79 | 4 |

### Crop Progress as of July 23, 2017

| | This Week | Last Week | Last Year | 5 Yr Avg |
|---|---|---|---|---|
| Days Suitable for Fieldwork | 4.5 | 5.6 | 4.0 | 5.2 |
| | (percent) | (percent) | (percent) | (percent) |
| Barley coloring | 64 | 30 | 87 | 68 |
| Corn silking | 61 | 20 | 81 | 63 |
| Dry edible beans blooming | 70 | 33 | 91 | 74 |
| Dry ed. beans setting pods | 11 | 3 | 30 | 26 |
| Hay, alfalfa, second cutting | 86 | 78 | 81 | (NA) |
| Hay, alfalfa, third cutting | 16 | 7 | 21 | (NA) |
| Oats coloring | 68 | 53 | 90 | 72 |
| Soybeans blooming | 70 | 48 | 87 | 73 |
| Soybeans setting pods | 20 | 10 | 35 | 27 |
| Spring wheat coloring | 52 | 36 | 82 | 63 |

(NA) Not available.

**Percent of Soybeans Blooming - Minnesota**
**For the Fourth Week of July**



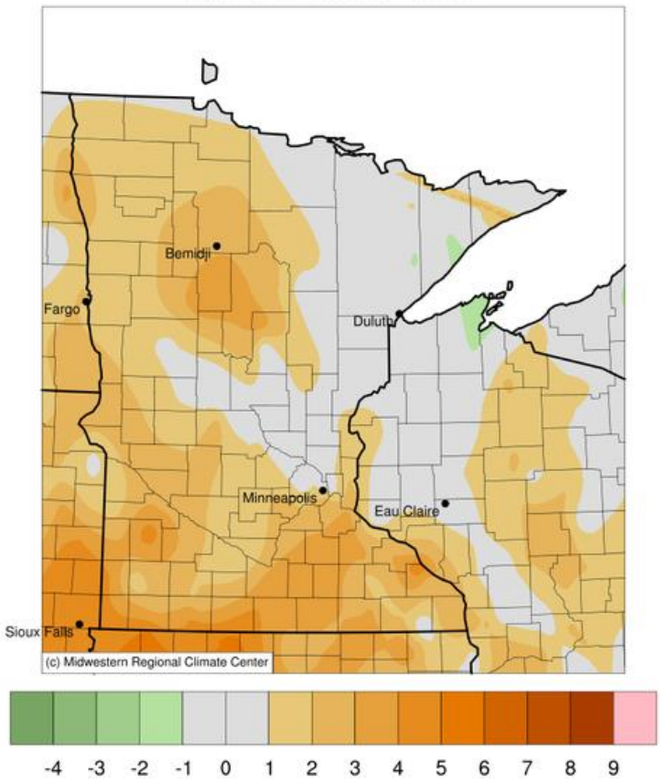

### Crop Condition as of July 23, 2017

| | Very poor | Poor | Fair | Good | Excellent |
|---|---|---|---|---|---|
| | (percent) | (percent) | (percent) | (percent) | (percent) |
| Barley | 0 | 1 | 14 | 54 | 31 |
| Corn | 1 | 3 | 16 | 64 | 16 |
| Dry ed. beans | 0 | 2 | 21 | 69 | 8 |
| Hay, all | 1 | 1 | 17 | 66 | 15 |
| Oats | 1 | 2 | 16 | 66 | 15 |
| Pasture | 1 | 6 | 23 | 59 | 11 |
| Potatoes | 0 | 0 | 6 | 61 | 33 |
| Soybeans | 1 | 5 | 22 | 60 | 12 |
| Spring wheat | 1 | 2 | 13 | 60 | 24 |
| Sugarbeets | 0 | 2 | 12 | 48 | 38 |
| Sunflowers | 0 | 0 | 11 | 71 | 18 |

# Minnesota Temperatures and Precipitation for the week ending July 23, 2017

**Average Temperature (°F): Departure from 1981-2010 Normals**

July 17, 2017 to July 23, 2017

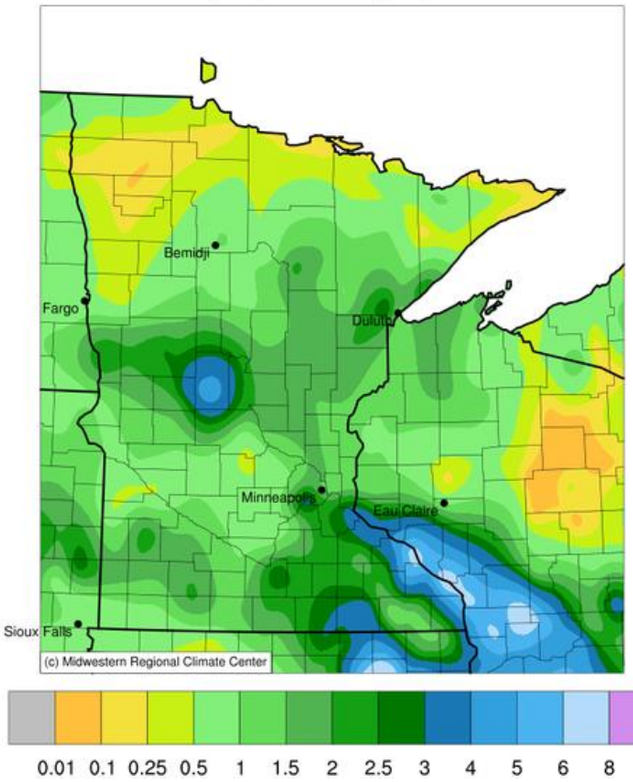






**Accumulated Precipitation (in)**

July 17, 2017 to July 23, 2017







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/