



Minnesota Crop Progress & Condition

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Cooperating with the Minnesota Department of Agriculture

For the week ending July 15, 2018
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Scattered rain and warm temperatures allowed for **4.7 days suitable for fieldwork** during the week ending July 15, 2018, according to USDA's National Agricultural Statistics Service. Portions of the state began to recover from flooded fields with crops showing signs of stress and some crops drowned out. Field activities for the week included spraying and second cutting of hay.

Topsoil moisture supplies were rated 1 percent very short, 3 percent short, 72 percent adequate and 24 percent surplus. **Subsoil moisture** supplies were rated 0 percent very short, 4 percent short, 68 percent adequate and 28 percent surplus.

Forty-five percent of the **corn** crop was in the silking stage, 6 days ahead the five-year of average. Corn crop condition decreased slightly with a rating of 77 percent good to excellent. **Soybeans** blooming reached 56 percent, 4 days ahead of average. Fifteen percent of soybeans were setting pods, 5 days ahead of average. Soybean condition rated 75 percent good to excellent.

Spring wheat headed was virtually complete with 44 percent of the crop coloring, 5 days ahead of last year. Spring wheat condition rated 86 percent good to excellent. **Oats** were 94 percent headed, 3 days behind last year but 4 days ahead of average. Forty-seven percent of the oat crop was in the coloring stage, 2 days ahead of average. Oats condition rated 78 percent good to excellent. **Barley** headed reached 95 percent, 6 days behind last year but 6 days ahead of average. Forty-five percent of the crop was coloring, 4 days ahead of both last year and

average. Barley condition rated 83 percent good to excellent.

Days Suitable for Fieldwork and Soil Moisture Supplies as of July 15, 2018

	This Week	Last Week	Last Year	5 Yr Avg
Days suitable.....	4.7	3.7	5.6	5.1
	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture	1	3	72	24
Subsoil moisture	0	4	68	28

Crop Condition as of July 15, 2018

	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Barley	0	1	16	52	31
Corn	2	5	16	52	25
Dry edible beans	1	3	12	47	37
Hay, all	1	5	18	59	17
Oats	0	2	20	61	17
Potatoes, all	0	0	5	43	52
Soybeans	1	5	19	54	21
Spring wheat	0	0	14	50	36
Sugarbeets	3	3	19	16	59
Sunflowers, all	0	0	28	48	24
Pasture and range	1	6	20	57	16

Forty-seven percent of the **dry edible bean** crop was blooming with 8 percent setting pods. Dry edible bean condition rated 84 percent good to excellent. **Sunflower** condition rated 72 percent good to excellent. **Potato** condition was rated 95 percent good to excellent. **Sugarbeet** condition was rated 75 percent good to excellent.

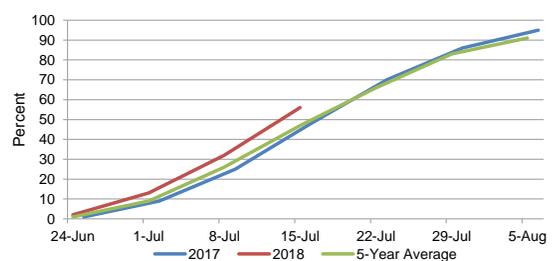
The second cutting of **alfalfa hay** was 61 percent complete, one week behind last year but 4 days ahead of average. **All hay** condition rated 76 percent good to excellent. **Pasture conditions** were rated 73 percent good to excellent.

Field Work and Crop Progress as of July 15, 2018

	This Week	Last Week	Last Year	5 Yr Avg
	(percent)	(percent)	(percent)	(percent)
Barley headed	95	87	98	88
Barley coloring	45	11	28	33
Corn silking	45	8	18	19
Dry beans blooming	47	18	29	40
Dry beans setting pods	8	(NA)	3	3
Hay, alfalfa, second cutting	61	40	76	51
Oats headed	94	85	96	92
Oats coloring	47	15	49	41
Soybeans blooming	56	32	45	47
Soybeans setting pods	15	1	9	7
Spring wheat headed	99	92	99	90
Spring wheat coloring	44	11	33	31

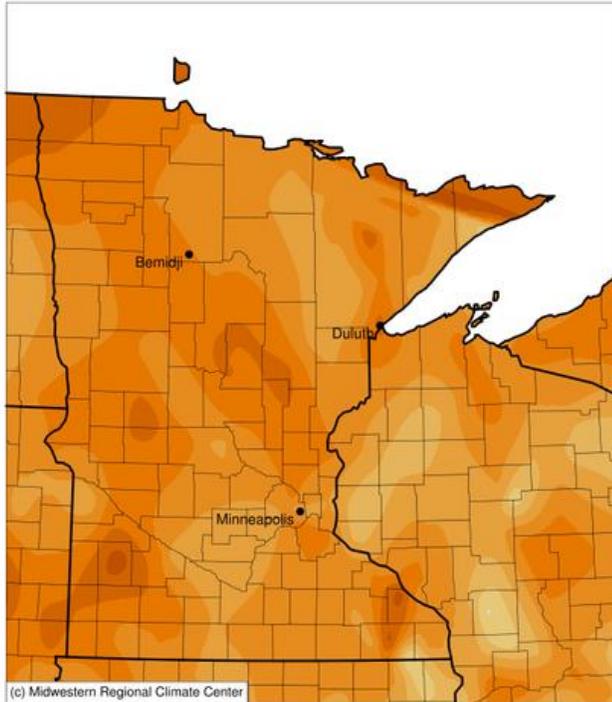
(NA) Not available.

Percent of Soybeans Blooming - Minnesota For the Third Week of July

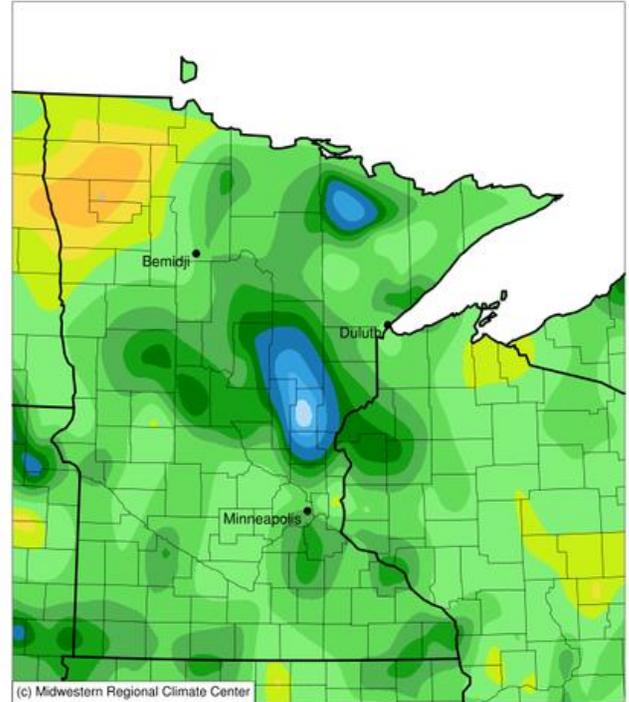


Minnesota Temperatures and Precipitation for the week ending July 15, 2018

Average Temperature (°F): Departure from 1981-2010 Normals
July 09, 2018 to July 15, 2018



Accumulated Precipitation (in)
July 09, 2018 to July 15, 2018



0 1 2 3 4 5 6 7 8 9 10
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 7/16/2018 7:01:06 AM CDT



0.01 0.1 0.25 0.5 1 1.5 2 2.5 3 4 5 6 8
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 7/16/2018 7:00:12 AM CDT

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/>