



Minnesota Crop Progress & Condition

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Cooperating with the Minnesota Department of Agriculture

For the week ending August 4, 2019
Issued August 5, 2019

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A reasonably dry week boosted the number of **days suitable for fieldwork** to 5.7 for the week ending August 4, 2019, according to USDA's National Agricultural Statistics Service. Crop development has continued at a steady pace. Hay cutting was able to progress with the dry weather, and some small grain harvest has started to kick off as well. Other field activities for the week included some fungicide application.

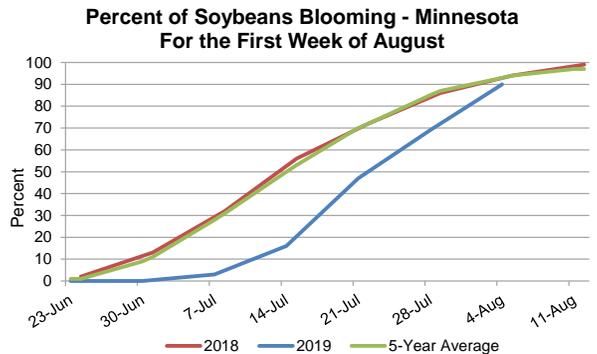
Topsoil moisture condition was rated 1 percent very short, 9 percent short, 79 percent adequate and 11 percent surplus. **Subsoil moisture** condition was rated 1 percent very short, 6 percent short, 76 percent adequate and 17 percent surplus.

Silked **corn**, at 83 percent, was 10 days behind last year and 6 days behind the 5-year average. Fifteen percent of the corn crop has reached the dough stage, 8 days behind last year and 5 days behind normal. Corn condition was rated at 57 percent good to excellent. **Soybeans** blooming reached 90 percent this week, 4 days behind last year and 3 days behind the average. Fifty-three percent of soybeans were setting pods, 5 days behind average. Soybean condition rated 61 percent good to excellent.

Ninety-two percent of **spring wheat** was coloring or beyond, 1 day ahead of the average. Reports of spring wheat harvest beginning were received this week. Spring wheat condition rated 84 percent good to excellent. **Oats** were 95 percent in or beyond the coloring stage, equal to the average. Twelve percent of oats have been harvested, 9 days behind normal. Oat condition was rated 68 percent good to excellent, declining from the previous week. Barley turning color reached 97 percent, 6 days ahead of average. Four percent of the barley crop has been harvested, 9 days behind normal. Barley condition rated 81 percent good to excellent, improving from the previous week.

Dry edible beans blooming reached 85 percent complete, 4 days behind the average. Dry edible beans setting pods progressed to 60 percent this week, 2 days behind normal. Dry edible beans condition was rated 67 percent good to excellent, improving from the previous week. **Sunflower** condition rated 83 percent good to excellent, improving from the previous week. **Potato** condition rated 94 percent good to excellent. **Sugarbeet** condition was rated 80 percent good to excellent.

The second cutting of alfalfa hay reached 88 percent this week, 3 days behind normal. **Pasture condition** rated 71 percent good to excellent, degrading from the previous week.



Crop Condition as of August 4, 2019

Item	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Barley	1	1	17	71	10
Corn	3	8	32	47	10
Dry edible beans	2	4	27	58	9
Oats	1	4	27	58	10
Pasture and range	1	5	23	61	10
Potatoes	0	0	6	56	38
Soybeans	2	6	31	52	9
Spring wheat ..	0	2	14	71	13
Sugarbeets	1	4	15	18	62
Sunflowers	0	1	16	69	14

Crop Progress as of August 4, 2019

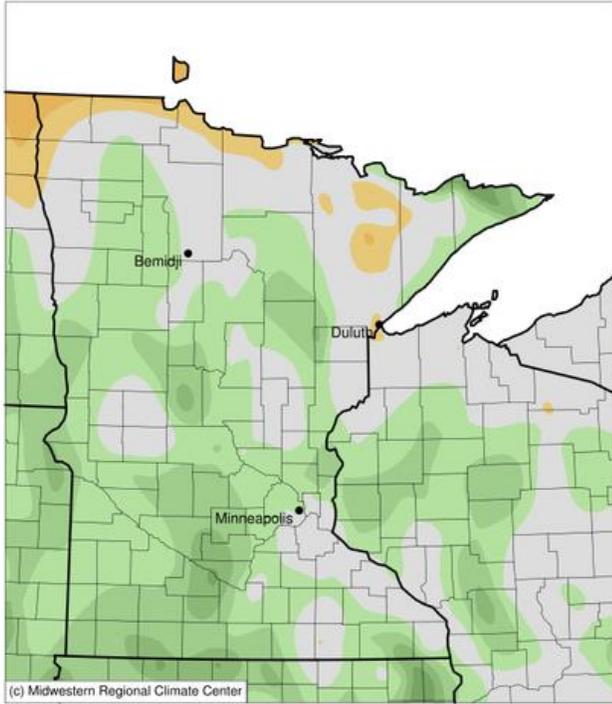
Item	This week	Last Week	Last Year	5-yr Avg
	(percent)	(percent)	(percent)	(percent)
Barley coloring	97	87	95	93
Corn silking	83	54	96	93
Corn dough	15	3	42	34
Dry edible beans blooming	85	71	89	93
Dry edible beans setting pods	60	33	71	69
Hay, alfalfa, second cutting	88	78	95	90
Oats coloring	95	83	95	95
Oats harvested	12	3	30	36
Soybeans blooming	90	69	94	93
Soybeans setting pods	53	27	78	70
Spring wheat coloring	92	79	94	91

Days Suitable for Fieldwork and Soil Moisture Condition as of August 4, 2019

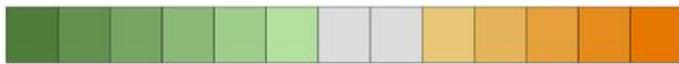
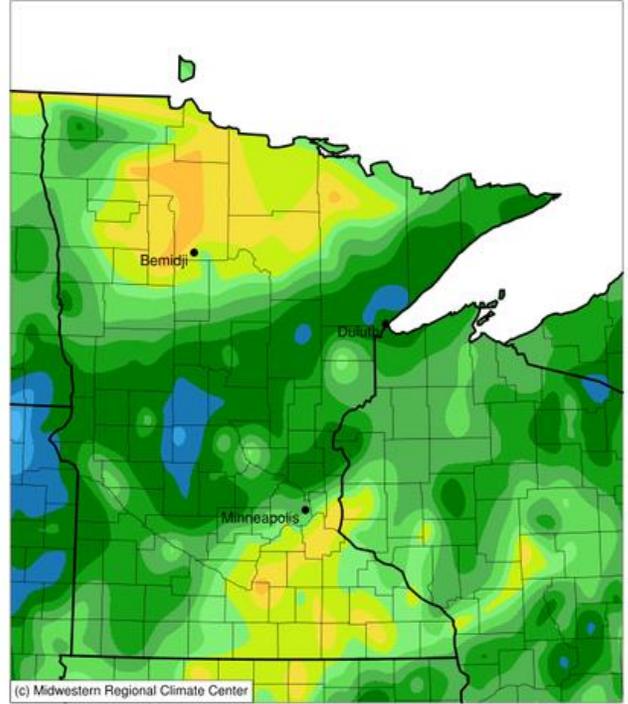
Item	This week	Last Week	Last Year
	(days)	(days)	(days)
Days suitable	5.7	5.2	5.5
	(percent)	(percent)	(percent)
Topsoil moisture			
Very short	1	1	4
Short	9	4	15
Adequate	79	71	72
Surplus	11	24	9
Subsoil moisture			
Very short	1	1	3
Short	6	4	12
Adequate	76	70	69
Surplus	17	25	16

Minnesota Temperatures and Precipitation for the week ending August 4, 2019

Average Temperature (°F): Departure from 1981-2010 Normals
July 29, 2019 to August 04, 2019



Accumulated Precipitation (in)
July 29, 2019 to August 04, 2019



-6 -1 4
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: 8/5/2019 7:05:28 AM CDT



0.01 0.05 0.1 0.2 0.3 0.5 0.75 1 1.5 2 2.5 3 4
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: 8/5/2019 7:04:22 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://mrcc.illinois.edu/U2U/gdd/>

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