



Minnesota Crop Progress & Condition

Upper Midwest Region - Minnesota Field Office · 375 Jackson St, Ste 610 · St. Paul, MN 55101 (651) 728-3113
fax (855) 271-9802 · www.nass.usda.gov

Cooperating with the Minnesota Department of Agriculture

For the week ending May 15, 2016
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Media Contact: Dan Lofthus

Below normal temperatures throughout Minnesota slowed crop development and raised concerns about freeze damage in the northern and central parts of the state during the week ending May 15, 2016, according to USDA's National Agricultural Statistics Service. There were **2.3 days suitable for fieldwork**, with the southern parts of the state limited to 1.5 days or less due to continued precipitation. While planting is nearing completion for several crops, farmers are looking for warmer temperatures to support development.

Topsoil moisture supplies were rated 1 percent very short, 12 percent short, 74 percent adequate, and 13 percent surplus. **Subsoil moisture** supplies were rated 2 percent very short, 9 percent short, 79 percent adequate, and 10 percent surplus.

Corn was 93 percent planted, 16 days ahead of the 5-year average, but 6 days behind last year. Fifty-three percent of the corn crop had emerged, 9 days ahead of average. **Soybean** planting was 63 percent complete, 11 days ahead of average, but a week behind last year. Nine percent of the soybean crop had emerged. Planting for small grains is nearing completion. **Spring wheat** was 78 percent emerged, 17 days ahead of average, but 6 days behind last year. The first spring wheat condition rating of the year was estimated at 1 percent very poor, 2 percent poor, 27 percent fair, 58 percent good, and 12 percent excellent. Eighty-four percent of the **oat** crop had emerged, with 18 percent of the oat acreage at or beyond the jointing stage. Oat condition rated 80 percent good to excellent. The **barley** crop was 95 percent planted and 73 percent emerged. The first barley condition rating of the year was estimated at 0 percent very poor, 1 percent poor, 21 percent fair, 67 percent good, and 11 percent excellent. **Dry edible beans** were 46 percent planted, 12 days ahead of average. **Sunflowers** were 57 percent planted, two weeks ahead of average. **Potatoes** reached 91 percent planted, 15 days ahead of average.

All hay condition rated 76 percent good to excellent. **Pasture** condition continued to improve, rated 2 percent very poor, 5 percent poor, 25 percent fair, 60 percent good, and 8 percent excellent.

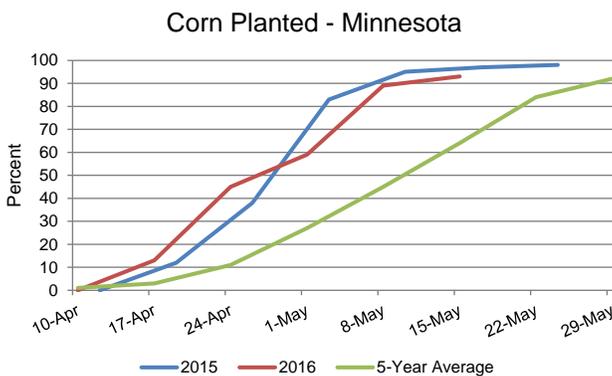
Crop Condition as of May 15, 2016

	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Barley.....	0	1	21	67	11
Hay, all.....	0	2	22	67	9
Oats.....	0	1	19	72	8
Pasture.....	2	5	25	60	8
Spring wheat	1	2	27	58	12

Crop Progress as of May 15, 2016

	This week	Last week	Last year	5-year average
Days suitable for fieldwork	2.3	5.8	1.7	3.8

	(percent)	(percent)	(percent)	(percent)
Barley planted.....	95	81	99	55
Barley emerged.....	73	37	84	37
Corn planted.....	93	89	96	64
Corn emerged.....	53	25	63	25
Dry edible beans planted.....	46	15	38	16
Oats planted.....	97	93	98	70
Oats emerged.....	84	71	86	44
Oats jointing.....	18	3	11	6
Potatoes planted.....	91	81	91	59
Soybeans planted.....	63	46	76	32
Soybeans emerged.....	9	2	15	5
Spring wheat planted.....	96	87	99	59
Spring wheat emerged.....	78	48	88	40
Spring wheat jointing.....	5	3	3	2
Sunflowers planted.....	57	30	51	22

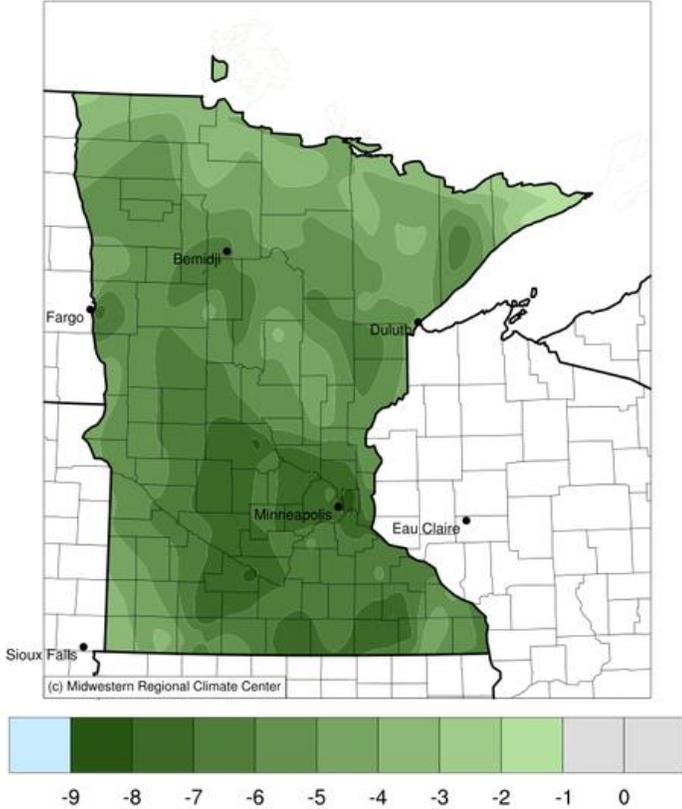


Soil Moisture Supplies as of May 15, 2016

	Very short (percent)	Short (percent)	Adequate (percent)	Surplus (percent)
Topsoil moisture.....	1	12	74	13
Subsoil moisture.....	2	9	79	10

Minnesota Temperatures and Precipitation for the week ending May 15, 2016

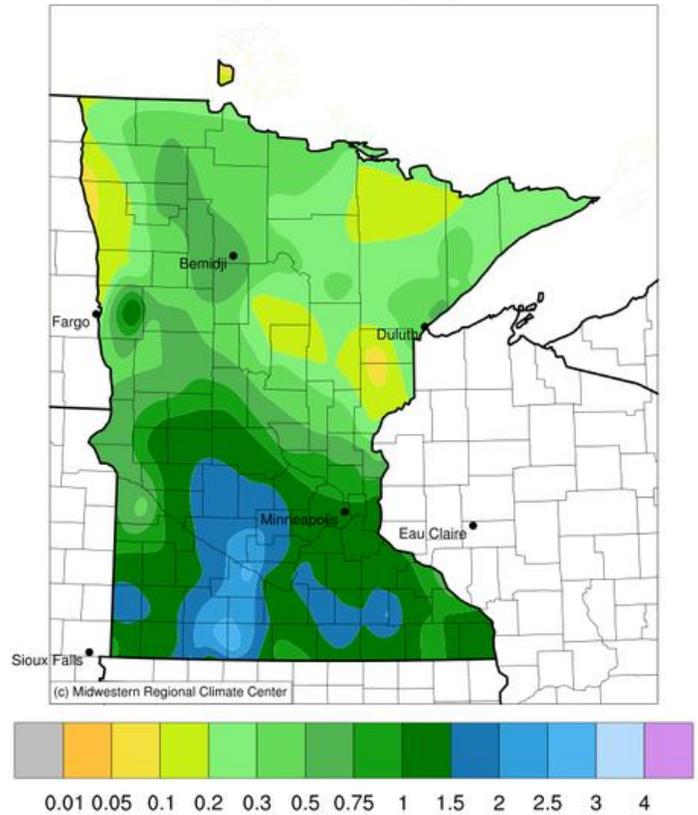
Average Temperature (°F): Departure from 1981-2010 Normals
May 09, 2016 to May 15, 2016



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: 5/16/2016 9:59:37 AM CDT

Accumulated Precipitation (in)
May 09, 2016 to May 15, 2016



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: 5/16/2016 9:56:44 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/>