



# Minnesota Crop Progress & Condition

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Cooperating with the Minnesota Department of Agriculture

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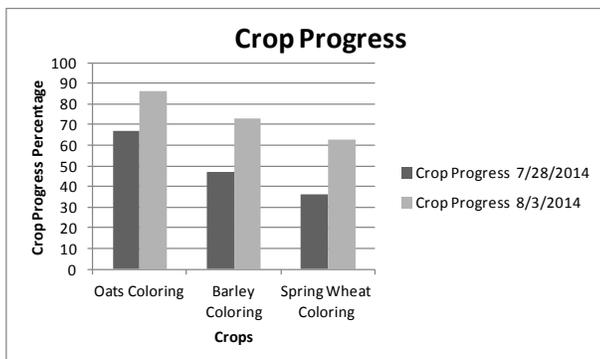
For the week ending August 3, 2014  
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Warm and dry weather conditions experienced across Minnesota helped advance crop development for the week ending August 3, 2014, according to the USDA National Agricultural Statistics Service. Farmers across Minnesota would like to see their crops receive rain to improve soil moisture conditions. There were **6.5 days suitable for fieldwork** across the State.

**Topsoil moisture** supplies were rated 2 percent very short, 23 percent short, 71 percent adequate, and 4 percent surplus. **Subsoil moisture** supplies were rated 1 percent very short, 11 percent short, 83 percent adequate, and 5 percent surplus.

Eighty-five percent of the **corn** crop was at or beyond the silking stage, up 24 points from the previous week, with 69 percent in good to excellent condition. Eighty-five percent of the **soybean** crop has reached the blooming stage with 55 percent of the soybean acres setting pods, up 29 points from the previous week. Soybean conditions rated 65 percent good to excellent. Ninety-five percent of the **Spring wheat** crop has headed, with 63 percent turning color or beyond. Reports were received of Spring wheat being harvested in the southern half of the State. Fifty-four percent of the Spring wheat crop was in good to excellent condition. Ninety-eight percent of the **oat** crop has headed, with 86 percent turning color or beyond. Minnesota farmers were able to harvest 30 percent of the State's oat crop during the week to reach 41 percent harvested. Oat conditions maintained a 67 percent good to excellent rating. **Dry edible beans** progressed to 85 percent at or beyond the blooming stage, with 46 percent setting pods. **Sunflower** conditions held steady at 38 percent rated good to excellent.

The **second and third cuttings of alfalfa hay** were 76 and 13 percent complete respectively. **All hay** conditions increased to 70 percent good to excellent. **Pasture** conditions decreased to 71 percent good to excellent.



## Soil Moisture Conditions as of August 3, 2014

	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil Moisture .....	2	23	71	4
Subsoil Moisture .....	1	11	83	5

## Crop Conditions as of August 3, 2014

	Very Poor	Poor	Fair	Good	Exc.
	Percent	Percent	Percent	Percent	Percent
Barley .....	5	10	37	43	5
Corn .....	2	5	24	54	15
Oats .....	2	5	26	58	9
Pasture .....	2	5	22	56	15
Soybeans .....	2	6	27	55	10
Spring Wheat .....	2	9	35	48	6
Hay, all .....	1	4	25	56	14
Potatoes, all .....	0	2	13	55	30
Sugarbeets .....	3	10	25	42	20
Dry Edible Beans .....	3	11	33	47	6
Sunflowers .....	0	7	55	32	6

## Crop Progress as of August 3, 2014

	This Week	Last Week	Last Year	5 Yr Avg
	Days Suitable for Fieldwork	6.5	5.4	6.4

	Percent	Percent	Percent	Percent
Oats coloring .....	86	67	78	87
Oats harvested .....	41	16	11	33
Barley headed .....	95	91	100	100
Barley coloring .....	73	47	82	76
Barley harvested .....	7	1	6	25
Spring Wheat headed .....	95	92	100	100
Spring Wheat coloring .....	63	36	66	74
Corn, silking .....	85	61	81	89
Corn, dough .....	23	4	2	9
Soybeans blooming .....	85	74	79	85
Soybeans setting pods .....	55	26	26	46
Dry Edible Beans blooming .....	85	62	83	83
Dry Edible Beans setting pods .....	46	19	37	50
Alfalfa Hay, second cutting .....	76	62	84	(NA)
Alfalfa Hay, third cutting .....	13	4	(NA)	(NA)

NA: Not Available

The following links provide further weather-related information and maps for Minnesota:

Minnesota Climatology Working Group provides statewide precipitation maps for the previous week: <http://climate.umn.edu/doc/weekmap.asp>

National Weather Service's Minnesota Data:  
<http://www.nws.noaa.gov/view/states.php?state=MN>

### Precipitation and Temperature Summary for 7/28/2014 through 8/3/2014

	Temperature				Precipitation				G D D	
	High	Low	Week Average	Depart from Norm	Week Total	Depart From Normal			Since 05/16	Depart From Norm
						Past Week	Four Weeks	Since 4/1		
<b>NORTHWEST DISTRICT</b>										
Crookston	85	50	67.0	-2.7	0.00	-0.70	-0.72	0.69	1338	55
Itasca	M	M	M	M	M	M	-1.91m	4.34m	784m	-332m
Moorhead	86	51	69.1	-2.5	0.32	-0.23	-0.79	2.05	1465	69
Pembina, ND	84	52	66.5	-1.2	0.00	-0.62	-1.47m	2.90m	896m	-268m
Warroad	M	M	M	M	M	M	M	-1.93m	468m	-667m
<b>NORTH CENTRAL DISTRICT</b>										
Grand Rapids	83	52	66.5	-2.1	0.19	-0.66	-1.82	2.92	1212	9
Intl. Falls	81	44	62.2	-3.4	0.05	-0.66	0.58	8.14	1074	34
<b>NORTH EAST DISTRICT</b>										
Duluth	83	49	66.5	0.0	0.40	-0.40	-0.82	1.49	1092	68
Grand Marais	78	47	60.0	-3.8	0.61	-0.01	0.25	2.98m	546m	-190m
Hibbing	82	46	64.0	-0.7	0.05	-0.79	-2.97	5.01	1146	190
<b>WEST CENTRAL DISTRICT</b>										
Alexandria	83	55	69.4	-1.5	0.55	-0.21	-0.29	5.51	1362m	12m
Breckenridge	84	52	67.8	-3.3	0.00	-0.74	-2.28m	2.85m	1218m	-160m
Browns Valley	M	M	M	M	M	M	-2.18m	0.76m	932m	-464m
Canby	84	55	67.9	-4.9	0.00	-0.66	-1.68	3.13	1429	-63
Montevideo	85	50	66.3	-5.4	0.00	-0.76	-2.21	1.38	1424	-18
Morris	83	53	66.7	-3.8	0.00	-0.81	-2.54	2.51	1350	-27
Wheaton	84	54	67.4	-4.5	0.00	-0.62	-1.37	3.64	1373	-52
<b>CENTRAL DISTRICT</b>										
Becker	85	56	70.4	-0.8	0.12	-0.80	-0.53	8.97	1468	56
Collegeville	87	56	70.4	-2.2	0.20	-0.60	-1.74m	3.28m	1441m	-43m
Hutchinson	86	54	69.0	-2.8	0.12	-0.75	-2.09m	3.49m	1493	19
Melrose	83	54	67.4	-2.5	0.74	-0.07	-1.60	7.83	1327	-4
Olivia	85	52	67.6	-3.6	0.00	-0.74	-1.62	6.69	1347	-95
St. Cloud	89	54	71.0	0.6	0.17	-0.59	-1.73	6.91	1495	146
Wadena	M	M	M	M	M	M	2.24m	3.39m	897m	-291m
Willmar	85	53	67.0	-4.8	0.08	-0.76	-1.89	5.12	1352	-120
<b>EAST CENTRAL DISTRICT</b>										
Aitkin	86	52	67.8	0.2	0.04	-0.76	-0.73	3.10	1307	141
Forest Lake	88	55	69.6	-2.4	0.03	-0.90	-2.85	5.79	1438	-15
MSP Airport	88	59	73.8	0.0	0.67	-0.28	-1.00	10.40	1586	30
Mora	84	54	67.4	-2.1	0.12	-0.74	0.38	9.35	1287	4
St. Paul - UofM	86	59	71.3	-0.7	0.09	-0.84	-1.19	6.67	1559	106
<b>SOUTH WEST DISTRICT</b>										
Lamberton	86	53	67.1	-4.4	0.00	-0.81	-2.24	-0.69	1446	-40
Marshall	86	53	68.6	-4.0	0.00	-0.79	-2.46	2.56	1542	42
Pipestone	85	51	65.6	-6.0	0.00	-0.68	-1.50	0.06	1413	-6
Redwood Falls	88	53	69.8	-2.7	0.01	-0.79	-2.17	4.94	1548	25
Sioux Falls	86	50	67.2	-6.0	0.02	-0.64	-1.89	4.09	1502	4
Worthington	82	51	65.0	-6.3	0.06	-0.72	-2.29	-1.35m	1318m	-131m
<b>SOUTH CENTRAL DISTRICT</b>										
North Mankato	84	50	67.9	-4.4	0.00	-0.93	-3.29	4.26m	1441	-50
Owatonna	85	54	68.7	-3.2	0.00	1.07	-2.98	2.48	1442	-31
Waseca	83	51	66.6	-5.3	-0.03	1.00	-3.11	5.87	1410	-93
Winnebago	83	55	68.6	-3.6	0.22	-0.74	-2.85	2.28	1487	-23
<b>SOUTH EAST DISTRICT</b>										
Cannon Falls	82	54	67.4	-3.7	0.77	-0.25	-2.84m	-.75m	965m	-456m
La Crosse	87	55	71.6	-2.1	0.56	-0.40	1.00	5.32	1654	76
Preston	84	49	65.9	-5.2	0.00	1.00	-1.84m	1.41m	1341m	-57m
Red Wing	88	58	70.6	-1.9	0.05	-0.84	-1.44	6.66	1549	66
Rochester	84	54	68.5	-2.8	0.16	-0.86	-1.89	-0.39	1419	-33
Rosemount	85	48	68.6	-2.9	-0.01	1.04	-0.63	8.69	1440	-3
Winona Dam	85	56	69.6	-2.6	0.05	-0.93	-2.35	0.25	1507	55

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

Data in this summary are courtesy of National Weather Service Offices and Cooperators, and the University of Minnesota Agricultural Experiment Station. This summary is prepared by the Minnesota Extension Service Agricultural Meteorologist and the Department of Natural Resources State Climatology Office. URL://climate.umn.edu