



Minnesota Crop Progress & Condition

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Cooperating with the Minnesota Department of Agriculture

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For the week ending August 31, 2014
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Despite 4.0 **days suitable for fieldwork**, spotty rain and soggy conditions kept small grain harvest behind the five year average across the state during the week ending August 31, 2014, according to USDA's National Agricultural Statistics Service. Adequate moisture has helped pasture and row crop conditions continued to improve, however scattered reports suggest this has hurt the quality of hay and wheat in some counties. Several reporters are hoping for a late killing frost to give row crops a chance to mature.

Topsoil moisture supplies were rated 1 percent very short, 9 percent short, 82 percent adequate, and 8 percent surplus. **Subsoil moisture** supplies were rated 1 percent very short, 12 percent short, 82 percent adequate, and 5 percent surplus.

Eighty-eight percent of the **corn** crop was at or beyond the dough stage, up 10 percentage points from the previous week, with 72 percent in good to excellent condition. Thirty-four percent of the **corn** crop was at or beyond the dent stage, 13 percentage points behind the 5 year average. Ninety-five percent of the **soybean** acres are setting pods, up 3 points from the previous week. Soybean conditions increased slightly and now stand at 68 percent good to excellent. **Spring wheat** harvest, at 35 percent complete, remains nearly three weeks behind the five year average. Fifty-six percent of the Spring wheat crop was in good to excellent condition. Fifteen percent of the **potato** crop has been harvested, 8 points behind average. Potato conditions increased slightly to 84 percent good to excellent. Eighty-two percent of the **oat** crop is now harvested, one week the behind the five-year average. **Dry edible beans** progressed to 92 percent setting pods. Dry edible bean condition remained the same at 55 percent good to excellent condition. **Sugarbeet** conditions also remained unchanged at 70 percent good to excellent condition.

The **second and third cuttings of alfalfa hay** were 96 and 63 percent complete, respectively. **All hay** conditions increased to 70 percent good to excellent. **Pasture** conditions increased to 67 percent good to excellent.

Soil Moisture Conditions as of August 31, 2014

	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil Moisture ...	1	9	82	8
Subsoil Moisture ...	1	12	82	5

Crop Conditions as of August 31, 2014

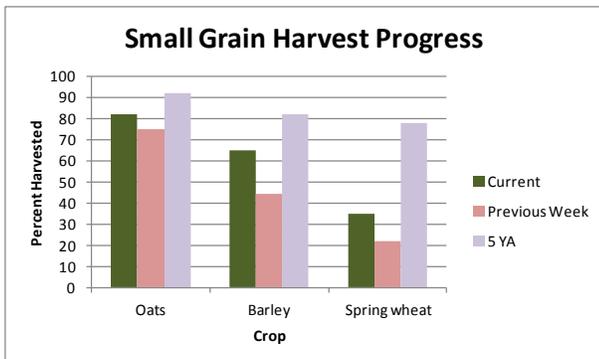
	Very Poor	Poor	Fair	Good	Exc.
	Percent	Percent	Percent	Percent	Percent
Barley	5	10	37	43	5
Corn	1	5	22	58	14
Pasture	3	7	23	54	13
Soybeans	1	5	26	57	11
Spring Wheat...	2	8	34	48	8
Hay, all	1	4	25	56	14
Potatoes, all....	0	2	14	51	33
Sugarbeets	3	7	20	48	22
Dry Ed. Beans .	2	10	33	47	8
Sunflowers.....	0	7	54	32	7

Crop Progress as of August 31, 2014

	This Week	Last Week	Last Year	5 Yr Avg
	Days Suitable for Fieldwork	4.0	4.5	6.6

	Percent	Percent	Percent	Percent
Oats harvested	82	75	91	92
Barley harvested.....	65	44	83	82
Spring Wheat harvested	35	22	79	78
Corn, in/past dough stage....	88	78	65	81
Corn, in/past dent stage.....	34	18	20	47
Soybeans setting pods	95	92	93	97
Soybeans turning color	15	8	7	18
Dry Ed. Beans setting pods .	92	85	96	99
Alfalfa Hay, second cutting ..	96	94	100	(NA)
Alfalfa Hay, third cutting.....	63	53	57	(NA)
Potatoes, harvested.....	15	5	23	23

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 8/25/2014 through 8/31/2014

	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		
NORTHWEST DISTRICT										
Crookston	81	44	62.2	-2.4	0.41	-0.30	-1.06	-0.37	1850	75
Itasca	m	m	m	m	m	m	m	1.32m	784m	-763m
Moorhead	77	49	64.4	-2.0	0.23	-0.37	-0.53	1.52	2011	81
Pembina, ND	80	41	59.5	-3.0	0.43	-0.14	-0.81	2.09m	1377m	-233m
Warroad	m	m	m	m	m	m	m	-4.75m	468m	-1104m
NORTH CENTRAL DISTRICT										
Grand Rapids	77	43	61.0	-2.4	0.92	0.17	0.24	3.16	1652	-13
Intl. Falls	73	35	57.8	-2.7	0.27	-0.37	-1.63	6.51	1454	17
NORTH EAST DISTRICT										
Duluth	76	48	62.6	0.8	0.59	-0.31	1.26	2.75	1505	64
Grand Marais	75	51	60.8	-0.8	0.00	-0.63	-0.84	2.14m	871m	-259m
Hibbing	75	40	60.8	1.1	0.71	0.03	-0.84	4.17	1574	244
WEST CENTRAL DISTRICT										
Alexandria	80	50	64.9	-0.7	0.98	0.20	1.52	7.03	1902m	39m
Breckenridge	76	49	63.6	-2.2	0.26	-0.43	0.24	3.09m	1701m	-195m
Browns Valley	79	45	63.1	-3.0	0.24	-0.41	-1.94m	-1.18m	1189m	-734m
Canby	83	49	64.0	-3.6	0.69	0.05	3.70	6.83	1963	-88
Montevideo	85	48	64.4	-2.2	1.11	0.32	3.58	4.96	1966	-12
Morris	81	47	63.3	-2.2	0.26	-0.45	2.54	5.05	1859	-25
Wheaton	81	49	63.5	-3.0	0.08	-0.60	0.72	4.36	1888	-74
CENTRAL DISTRICT										
Becker	84	51	67.5	1.4	2.14	1.22	1.32	10.29	2056	124
Collegeville	81	50	67.0	-0.5	2.40	1.50	2.07	5.35	2029	-9
Hutchinson	91	51	68.8	2.1	1.44	0.46	-1.78	1.71m	2114	108
Melrose	86	50	67.0	2.4	0.88	0.05	1.13	8.96	1857	39
Olivia	85	48	64.8	-1.1	1.25	0.44	-0.70	5.99	1871	-89
St. Cloud	83	51	68.5	3.4	2.85	1.96	1.96	8.87	2095	247
Wadena	82	48	63.2	0.2	0.47	-0.21	1.74m	5.13m	1217m	-421m
Willmar	86	48	65.6	-1.0	2.89	1.97	3.40	8.52	1893	-113
EAST CENTRAL DISTRICT										
Aitkin	83	48	66.1	3.6	1.29	0.58	2.86	5.96	1820	216
Forest Lake	87	52	67.8	0.8	2.24	1.38	3.55	9.34	2012	13
MSP Airport	85	56	69.9	1.4	1.47	0.55	-1.66	8.74	2234	100
Mora	83	50	65.3	0.9	1.63	0.78	1.51	10.86	1784	19
St. Paul - UofM	88	56	69.2	2.2	1.65	0.79	-0.47	6.20	2174	175
SOUTH WEST DISTRICT										
Lamberton	84	51	66.8	0.2	0.84	0.00	0.40	-0.29	2010	-6
Marshall	85	49	66.4	-1.0	0.17	-0.59	-1.43m	1.13m	2124	69
Pipestone	82	49	66.0	-0.5	0.33	-0.42	1.28	1.34	1953	2
Redwood Falls	84	50	67.3	-0.1	1.02	0.19	-1.87	3.07	2154	80
Sioux Falls	82	51	67.8	-0.1	0.94	0.24	2.17	6.26	2089	27
Worthington	81	51	65.2	-1.1	0.34	-0.53	-0.18	-1.53m	1829m	-142m
SOUTH CENTRAL DISTRICT										
North Mankato	88	53	68.2	0.9	0.49	-0.42	0.24	4.50m	2002	-37
Owatonna	88	55	69.1	1.8	2.92	1.89	1.96m	4.44m	1995m	-22m
Waseca	88	55	68.6	1.2	1.65	0.61	-1.13	4.74	1999	-51
Winnebago	88	55	68.2	0.7	0.34	-0.59	-1.23	1.05m	2063m	4m
SOUTH EAST DISTRICT										
Cannon Falls	m	m	m	m	m	m	-0.24m	-0.99m	1335m	-607m
La Crosse	90	59	73.0	4.1	2.23	1.27	0.74	6.06	2304	142
Preston	88	54	70.2	3.6	2.63	1.55	0.63	2.04m	1904m	-22m
Red Wing	90	58	71.2	3.5	2.75	1.76	1.23	7.89	2177	139
Rochester	84	57	69.0	2.2	2.37	1.39	1.28	0.89	1998	15
Rosemount	87	56	68.8	1.9	1.83	0.81	-0.85	7.84m	2030	51
Winona Dam	87	58	71.2	3.4	2.62	1.62	1.89	2.14	2121	111

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