



# Minnesota Crop Progress & Condition

Upper Midwest Region - Minnesota Field Office · P.O. Box 7068 · St. Paul, MN 55107 (651) 728-3113  
fax (855) 271-9802 · www.nass.usda.gov

Cooperating with the Minnesota Department of Agriculture

For the week ending July 13, 2014  
Media Contact: Dan Lofthus

Issued July 14, 2014

There were 5.4 days suitable for field work, across Minnesota allowing farmers to apply herbicides and harvest the second cutting of alfalfa hay during the week ending July 13, 2014, according to the USDA National Agricultural Statistics Service. The majority of Minnesota field crop conditions improved with only potato and hay crop conditions showing a slight decline. Field activities included replanting, aerial chemical application, and ground spraying where conditions allowed.

**Topsoil moisture** supplies were rated 0 percent very short, 1 percent short, 78 percent adequate, and 21 percent surplus. **Subsoil moisture** supplies were rated 0 percent very short, 2 percent short, 75 percent adequate, and 23 percent surplus.

Five percent of the **corn** crop was silking, 15 percentage points behind the five-year average, with 64 percent in good to excellent condition. Twenty-seven percent of the **soybean** crop was blooming, up 14 points from last week. Soybean conditions rated 62 percent good to excellent. Sixty-three percent of the **Spring wheat** crop was heading with 8 percent turning color. Fifty percent of the Spring wheat crop was in good to excellent condition. Eighty-one percent of the **oat** crop was heading with 13 percent turning color. Oat conditions were rated 66 percent good to excellent. **Potato** conditions were rated 77 percent good to excellent. **Dry edible beans progressed** to 15 percent in the blooming stage, 4 points ahead of the previous year. **Sugarbeet** conditions rated 21 percent good to excellent.

The **first and second cuttings of alfalfa hay** were 92 and 32 percent complete, respectively. **All hay** conditions rated 1 percent very poor, 5 percent poor, 36 percent fair, 47 percent good, and 11 percent excellent. **Pasture** conditions were rated 1 percent very poor, 3 percent poor, 16 percent fair, 57 percent good, and 23 percent excellent. Flooded pastures in the northwest part of the state forced some farmers to find additional grazing ground for livestock.

## Soil Moisture Conditions as of July 13, 2014

	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil Moisture .....	0	1	78	21
Subsoil Moisture .....	0	2	75	23

## Crop Conditions as of July 13, 2014

	Very Poor	Poor	Fair	Good	Exc.
Pasture .....	1	3	16	57	23
Hay, all .....	1	5	36	47	11
Oats .....	2	5	27	57	9
Barley .....	5	11	37	43	4
Corn .....	2	6	28	49	15
Soybeans .....	2	7	29	53	9
Spring Wheat .....	4	9	37	44	6
Potatoes, all .....	0	3	20	54	23
Sugarbeets .....	9	26	44	14	7
Dry Edible Beans .....	2	11	37	45	5

## Crop Progress as of July 13, 2014

	This Week	Last Week	Last Year	5 Yr Avg
Days Suitable for Fieldwork	5.4	4.7	5.8	5.5

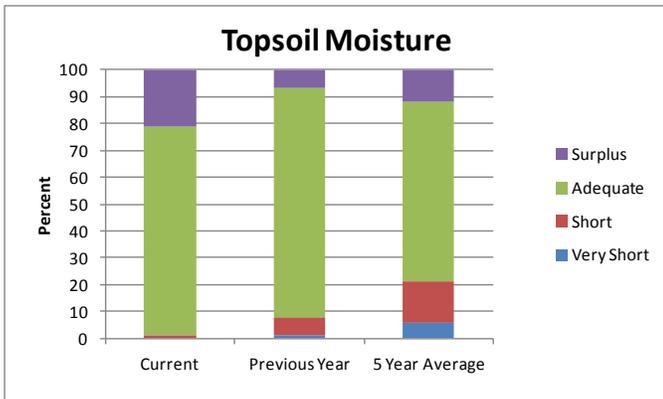
	Percent	Percent	Percent	Percent
Oats jointing .....	96	89	91	97
Oats headed .....	81	61	77	88
Oats coloring .....	13	NA	3	35
Barley jointing .....	93	80	94	97
Barley headed .....	59	43	79	82
Barley coloring .....	8	NA	NA	NA
Spring Wheat jointing .....	95	91	95	98
Spring Wheat headed .....	63	36	84	85
Spring Wheat coloring .....	8	NA	NA	NA
Corn, silking .....	5	1	1	20
Soybeans blooming .....	27	13	19	35
Alfalfa Hay, first cutting .....	92	86	99	99
Alfalfa Hay, second cutting .....	32	17	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 7/7/2014 through 7/13/2014

	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	52	68.4	-0.4	0.19	-0.49	0.35	0.92	972	100
Itasca	85	48	66.4	0	0.52	-0.39	.14m	5.86m	652m	-98m
Moorhead	88	53	70.1	-0.6	0.71	0.04	0.38	2.89	1057	106
Pembina, ND	M	M	M	M	M	M	2.48m	3.62m	544m	-246m
Warroad	M	M	M	M	M	M	-2.66m	.45m	468m	-294m
<b>NORTH CENTRAL DISTRICT</b>										
Grand Rapids	86	49	66.4	-1.4	0.75	-0.26	-0.53	4.48	859	48
Intl. Falls	82	42	61.9	-3.1	0.44	-0.44	0.09	7.11	768	65
<b>NORTH EAST DISTRICT</b>										
Duluth	82	50	65.2	-0.3	1.34	0.44	-0.23	2.75	733	63
Grand Marais	82	42	55.4	-5.1	0.56	-0.18	1.71	2.55m	354m	-87m
Hibbing	82	42	62.6	-1.3	0.19	-0.85	-2.82	7.13	824	188
<b>WEST CENTRAL DISTRICT</b>										
Alexandria	85	55	68.8	-1.6	0.93	0.15	-0.21	5.95	963m	49m
Breckenridge	89	54	70.1	-0.4	0.42	-0.45	.39m	4.68m	902m	-36m
Browns Valley	M	M	M	M	M	M	-.15m	2.12m	680m	-268m
Canby	M	M	M	M	M	M	-.48m	3.97m	764m	-258m
Montevideo	89	52	70.5	-1	0.47	-0.39	0.91	3.2	1045	53
Morris	87	55	69.2	-1.1	0.6	-0.3	0.09	4.74	982	36
Wheaton	87	56	70	-1.4	0.03	-0.74	-0.24	4.28	995	24
<b>CENTRAL DISTRICT</b>										
Becker	86	55	70.9	-0.1	2.44	1.42	0.83	10.92	1041	73
Collegeville	80	55	69.4	-2.8	0.59	-0.24	-1.42	4.78	1038	22
Hutchinson	91	54	71.6	-0.4	1.29	0.5	-0.52	6.09	1075	60
Melrose	84	52	68.7	-1.1	0.33	-0.5	-0.36	8.93	954	44
Olivia	88	55	70.2	-1.1	0.8	-0.04	1.57	8.27	969	-30
St. Cloud	86	51	70.2	0	0.58	-0.17	-0.84	8.47	1067	147
Wadena	82	50	67.2	-0.2	4.83	3.97	5.59	5.12m	680m	-126m
Willmar	85	54	68.8	-3.1	0.68	-0.2	0.46	6.81	981	-33
<b>EAST CENTRAL DISTRICT</b>										
Aitkin	86	53	69	1.6	1.87	0.88	0.47	4.7	932	145
Forest Lake	90	54	70.3	-1.2	0.73	-0.29	0.67	8.34	1021	24
MSP Airport	87	58	72	-1.7	1.46	0.56	3.51	11.95	1112	43
Mora	86	53	68.5	-0.5	1.58	0.66	0.92	9.64	913	40
St. Paul - UofM	91	55	72.4	0.9	2.05	1.03	2.39	8.88	1112	115
<b>SOUTH WEST DISTRICT</b>										
Lamberton	89	53	71	-0.8	0.32	-0.54	-1.57	1.01	1058	24
Marshall	88	57	72.6	0.2	0.33	-0.52	0.66	4.49	1128	94
Pipestone	88	53	71.5	0.3	0.03	-0.76	-0.74	0.8	1009m	38m
Redwood Falls	89	56	72.1	-0.5	0.61	-0.22	2.4	6.9	1120	65
Sioux Falls	85	55	72.2	-0.6	0.45	-0.27	0.86	5.72	1101	79
Worthington	86	53	70.7	-0.8	0.26	-0.59	-.36m	.35m	969m	-32m
<b>SOUTH CENTRAL DISTRICT</b>										
North Mankato	90	53	72.3	0.2	0.15	-0.85	4.04	6.70m	1042	12
Owatonna	88	54	70.8	-1.1	0.92	-0.13	1.87	5.33	1031	14
Waseca	89	52	70.6	-1.4	0.38	-0.61	3.08	8.37	1027	-20
Winnebago	90	55	72.2	-0.1	0.28	-0.68	0.51	4.45	1079	33
<b>SOUTH EAST DISTRICT</b>										
Cannon Falls	84	52	69.1	-2.1	0.84	-0.1	0.65	1.99m	798m	-180m
La Crosse	88	59	71.7	-1.9	3.43	2.46	4.61	6.78	1196	107
Preston	84	51	68.9	-1.9	1.59	0.6	5.14	3.85	988	31
Red Wing	88	61	73.1	0.8	1.42	0.57	1.48	8.67	1105	89
Rochester	83	53	68.1	-3.3	1.44	0.41	1.3	1.91	1030	25
Rosemount	87	56	70.7	-0.7	2.75	1.74	3.44	11.06	1031	39
Winona Dam	85	58	71.2	-0.4	1.13	0.18	2.35	2.78	1079	86

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