



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 27, 2014
Media Contact: Dan Lofthus

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Crop conditions in Minnesota fared well but development remained behind normal for the week ending July 27, 2014, according to the USDA National Agricultural Statistics Service. Farmers in southern Minnesota would like to see their crops receive a shot of rain to recharge moisture levels, while farmers in the northern part of the state experienced heavy rains earlier in the week. There were **5.4 days suitable for fieldwork** across the state.

Topsoil moisture supplies were rated 1 percent very short, 12 percent short, 79 percent adequate, and 8 percent surplus. **Subsoil moisture** supplies were rated 0 percent very short, 7 percent short, 84 percent adequate, and 9 percent surplus.

Sixty-one percent of the **corn** crop was at or beyond the silking stage, 10 percentage points behind the five-year average, with 68 percent in good to excellent condition. Seventy-four percent of the **soybean** crop has reached the blooming stage. Pods are setting on 26 percent of the soybean acres, up 19 points from the previous week. Soybean conditions rated 64 percent good to excellent. Ninety-two percent of the **Spring wheat** crop has headed, with 36 percent turning color. Fifty-three percent of the Spring wheat crop was in good to excellent condition. Ninety-five percent of the **oat** crop has headed, with 67 turning color and 16 percent harvested. Oat conditions improved to 67 percent rated good to excellent. **Potato** conditions remained at 84 percent good to excellent. **Dry edible beans** progressed to 62 percent at or beyond the blooming stage, with 19 percent of the plants setting pods. **Sugarbeet** conditions remained at 29 percent good to excellent. **Sunflower** conditions were rated 38 percent good to excellent.

The **second cutting of alfalfa hay** was 62 percent complete, 12 points ahead of last week. Reports of third cuttings of alfalfa were observed in southern Minnesota. **All hay** conditions increased to 66 percent good to excellent. **Pasture** conditions decreased to 73 percent good to excellent.

Soil Moisture Conditions as of July 27, 2014

	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil Moisture	1	12	79	8
Subsoil Moisture	0	7	84	9

Crop Conditions as of July 27, 2014

	Very Poor	Poor	Fair	Good	Exc.
Barley	5	10	36	43	6
Corn	2	5	25	54	14
Oats.....	2	5	26	57	10
Pasture.....	2	5	20	57	16
Soybeans	2	6	28	54	10
Spring Wheat.....	2	11	34	47	6
Hay, all	1	4	29	53	13
Potatoes, all.....	0	2	14	53	31
Sugarbeets	1	17	53	20	9
Dry Edible Beans....	3	11	35	45	6
Sunflowers.....	0	7	55	32	6

Crop Progress as of July 27, 2014

Days Suitable for Fieldwork	This Week	Last Week	Last Year	5 Yr Avg
	5.4	6.2	5.9	5.4

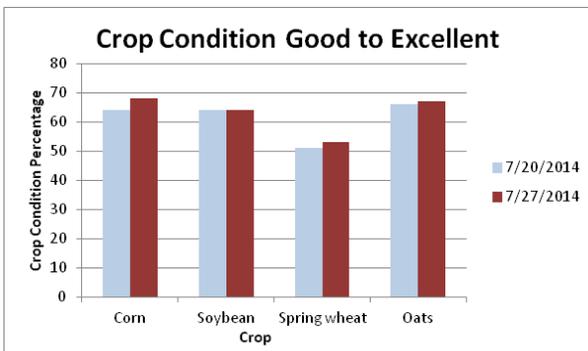
	Percent	Percent	Percent	Percent
Oats headed	95	92	95	98
Oats coloring	67	41	53	75
Oats harvested for grain	16	5	3	19
Barley headed	91	83	100	99
Barley coloring.....	47	19	55	64
Spring Wheat headed	92	83	99	98
Spring Wheat coloring	36	22	39	59
Corn, silking.....	61	23	54	71
Soybeans blooming	74	47	64	74
Soybeans setting pods	26	7	11	27
Dry Ed. Beans blooming	62	43	64	70
Dry Ed. Beans setting pods ...	19	NA	12	30
Alfalfa Hay, second cutting	62	50	68	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 7/21/2014 through 7/27/2014

	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	91	53	68.4	-1.3	1.75	1.10	-0.53	1.39	1217	72
Itasca	90	51	68.8	1.5	0.87	0.08	-.72m	5.11m	784m	-210m
Moorhead	93	57	70.4	-1.2	0.56	0	-0.81	2.29	1330	83
Pembina, ND	92	53	69.0	1.3	1.19	0.55	-1.07m	3.51m	778m	-261m
Warroad	M	M	M	M	M	M	M	-1.18m	468m	-543m
NORTH CENTRAL DISTRICT										
Grand Rapids	92	52	68.3	-0.4	0.72	-0.20	-1.83	3.58	1095	23
Intl. Falls	90	46	65.4	-0.3	1.91	1.13	1.17	8.79	974	46
NORTH EAST DISTRICT										
Duluth	88	54	68.6	2.0	0.57	-0.25	-0.50	1.89	973	67
Grand Marais	85	47	59.7	-3.4	1.07	0.42	1.62	2.99m	470m	-163m
Hibbing	90	44	66.3	1.5	0.29	-0.64	-3.08	5.80	1040	191
WEST CENTRAL DISTRICT										
Alexandria	91	58	70.2	-1	1.24	0.50	0.04	5.72	1224m	19m
Breckenridge	91	55	71	-0.3	0.52	-0.27	-2.17m	3.59m	1091m	-141m
Browns Valley	90	54	71	-0.9	0.85	0.11	-2.13m	1.47m	954m	-293m
Canby	M	M	M	M	M	M	-3.18m	2.50m	764m	-572m
Montevideo	90	56	72.2	0.2	0.50	-0.27	-2.34	2.13	1310	17
Morris	89	56	70.6	-0.2	0.35	-0.49	-1.83	3.30	1231	-4
Wheaton	89	57	70.6	-1.5	0.75	0.10	-0.84	4.27	1250	-24
CENTRAL DISTRICT										
Becker	91	53	73.6	2.0	0.77	-0.18	-0.53	9.77	1323	58
Collegeville	89	56	72.6	-0.3	0.64	-0.12	-1.88m	3.88m	1297m	-32m
Hutchinson	96	56	74.6	2.3	0.67	-0.10	-2.19m	4.24m	1359	36
Melrose	89	54	71.4	1.1	0.52	-0.27	-1.94	7.90	1204	12
Olivia	89	54	71.2	-0.3	0.66	-0.07	-1.52	7.43	1222	-74
St. Cloud	94	51	73.2	2.5	0.42	-0.29	-1.76	7.49	1350	143
Wadena	90	52	69.4	1.3	0.54	-0.21	4.00	4.12m	918m	-143m
Willmar	90	52	70.7	-1.5	0.67	-0.13	-1.58	5.88	1232	-89
EAST CENTRAL DISTRICT										
Aitkin	90	50	70.3	2.4	0.44	-0.43	-0.47	3.85	1180	139
Forest Lake	92	57	73.7	1.6	0.23	-0.73	-2.91	6.68	1301	0
MSP Airport	92	61	75.5	1.3	0.45	-0.46	-1.37	10.68	1420	25
Mora	89	54	71.6	1.9	1.54	0.67	0.43	10.09	1163	16
St. Paul - UofM	90	62	75.2	3.1	0.40	-0.56	-1.29	7.50	1409	108
SOUTH WEST DISTRICT										
Lamberton	88	54	72.4	0.5	0.74	-0.07	-2.25	0.12	1325	-12
Marshall	91	56	73.6	0.7	0.38	-0.43	-2.50	3.34	1410	64
Pipestone	87	56	71.8	-0.1	1.36	0.67	-1.18	0.74	1303	32
Redwood Falls	92	56	73.7	0.8	0.39	-0.38	-2.18	5.73	1408	39
Sioux Falls	88	57	72.6	-0.9	0.34	-0.31	-1.91	4.73	1379	38
Worthington	84	54	69.3	-2.4	0.41	-0.34	-2.61m	-77m	1204m	-97m
SOUTH CENTRAL DISTRICT										
North Mankato	89	56	73.2	0.7	0.23	-0.69	-3.47	5.07m	1319	-19
Owatonna	90	56	73.7	1.5	0.27	-0.78	-2.66	3.55	1309	-13
Waseca	90	57	73.3	1.1	0.43	-0.56	-2.82	6.87	1291	-61
Winnebago	88	58	72.8	0.3	0.43	-0.50	-2.94	3.01	1354	-3
SOUTH EAST DISTRICT										
Cannon Falls	M	M	M	M	M	M	-3.41m	-.49m	798m	-477m
La Crosse	91	59	74.6	0.5	0.72	-0.22	0.75	5.71	1500	83
Preston	87	52	71.9	0.6	0.38	-0.57	-1.50m	2.41m	1227m	-25m
Red Wing	90	59	75.2	2.4	0.45	-0.40	-1.41	7.50	1405	76
Rochester	86	56	71.5	-0.1	0.49	-0.52	-1.99	0.47	1287	-17
Rosemount	89	57	73.9	2.1	0.55	-0.46	-0.44	9.72	1308	14
Winona Dam	88	59	73.9	1.7	0.06	-0.90	-2.26	1.18	1368	69

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