



Crops & Weather

National Agricultural Statistics Service
Minnesota Field Office

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In Cooperation with the Minnesota Department of Agriculture, National Weather Service – Chanhassen MN,
Univ. of Minn. Extension Service, DNR State Climatology Office, USDA-FSA, USDA-NRCS, and Local FACs

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Minnesota farmers harvested 25 percent of their corn for grain during the week ending November 3, 2013 according to the USDA, National Agricultural Statistics Service. With corn harvest now slightly ahead of normal, this marked the first time all season corn progress was ahead of the 5-year average. Minnesota had 5.0 days rated suitable for fieldwork. Minnesota's average temperature was 0.6 degree below normal at 37.9 degrees. The average precipitation statewide was 0.34 inch below normal at 0.11 inch. Topsoil and subsoil moisture supplies were 88 and 72 percent adequate to surplus, respectively. Northwest Minnesota had the coldest average temperature at 33.3 degrees. The wettest region was East Central with 0.22 inch average precipitation.

Seventy-three percent of corn for grain has been harvested, compared to the normal 72 percent. Average corn moisture at harvest was rated at 19 percent. Soybean harvest remained ahead of normal at 96 percent complete.

Sugarbeet harvest advanced 15 percentage points to 99 percent lifted. Canola was 94 percent harvested. Sunflower harvest moved along rapidly to 65 percent complete, an advancement of 28 percentage points. Pasture conditions were 8 percent very poor, 16 percent poor, 37 percent fair, 36 percent good, and 3 percent excellent.

Soil Moisture Levels as of November 3, 2013

	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil Moisture	2	10	80	8
Subsoil Moisture	3	25	70	2

Crop Condition as of November 3, 2013

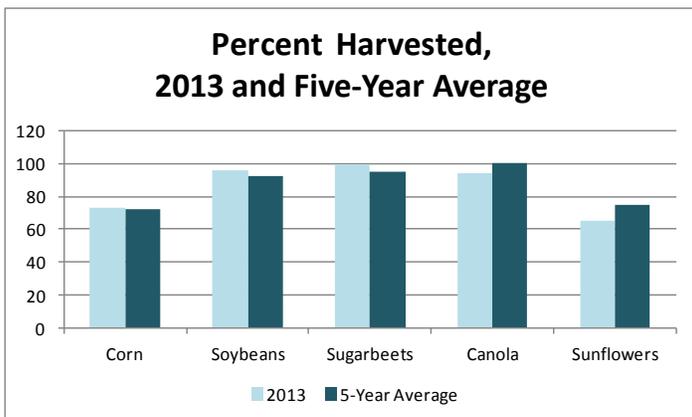
	Very Poor	Poor	Fair	Good	Exc.
Pasture	8	16	37	36	3

Crop Progress as of November 3, 2013

	This Week	Last Week	Last Year	5 Yr Avg.
Days Suitable for Fieldwork	5.0	5.3	4.2	4.6

	Percent	Percent	Percent	Percent
Corn harvested	73	48	100	72
Corn, percent moisture	19	21	NA	NA
Soybeans harvested	96	91	100	92
Soybeans, percent moisture ...	13	13	NA	NA
Sugarbeets harvested	99	84	96	95
Canola harvested	94	93	100	100
Sunflowers, harvested	65	37	100	75

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 10/28/2013 through 11/03/2013

	Temperature				Precipitation			
	High	Low	Week Average	Depart from Norm	Week Total	Depart From Normal		
						Past Week	Four Weeks	Since 11/1
NORTHWEST DISTRICT								
Crookston	51	17	34.2	-1.2	0	-0.35	-0.19	-0.14
Itasca	48	18	32.9	-1.6	0.01	-0.48	.07m	-0.2
Moorhead	55	22	37.7	0.1	0.01	-0.34	0.98	-0.14
Pembina, ND	49	12	30.1	-3.4	0	-0.31	-0.69	-0.13
Warroad	47	13	31.5	-3.2	0	-0.37	-1.43m	-0.15
NORTH CENTRAL DISTRICT								
Grand Rapids	49	18	34	-2.6	0.05	-0.46	-0.42	-0.21
Intl. Falls	46	12	32.8	-1.2	0.01	-0.37	-0.34	-0.16
NORTH EAST DISTRICT								
Duluth	48	21	36	-0.4	0.2	-0.35	-0.24	-0.23
Grand Marais	50	25	38.2	-0.3	0.13	-0.44	-1.79	-0.17
Hibbing	49	15	34	0.2	0.13	-0.28	-0.27	-0.16
WEST CENTRAL DISTRICT								
Alexandria	54	25	37	-0.8	0.09	-0.3	.10m	-0.16
Breckenridge	51	23	35.3	-1.6	0.17	-0.22	1.19m	-0.16
Browns Valley	M	M	M	M	M	M	M	M
Canby	57	26	38.4	-1.7	0.07	-0.38	0.05	-0.19
Montevideo	55	20	38.1	-1.1	0.15	-0.3	.02m	-0.19
Morris	53	26	36.6	-1.3	0.12	-0.3	0.26	-0.17
Wheaton	50	25	36.2	-1.9	0.15	-0.21	1.95	-0.14
CENTRAL DISTRICT								
Becker	56	28	38.7	-1.1	0.11	-0.38	0.48	-0.18
Collegeville	51	26	37.4	-3.3	0.16	-0.35	0.59	-0.21
Hutchinson	59	28	40.6	0.8	0.13	-0.26	1.66	-0.16
Melrose	54	25	36.3	-1	0.29	-0.17	0.51	-0.19
Olivia	58	22	38.3	-1.3	0.04	-0.35	0.73	-0.16
St. Cloud	55	27	38.2	-0.3	0.07	-0.36	0.8	-0.18
Wadena	51	21	34.6	-1.6	0.14	-0.37	0.97	-0.21
Willmar	56	28	37.8	-1.9	0.16	-0.28	0.87	-0.16
EAST CENTRAL DISTRICT								
Aitkin	50	21	32.8	-4.4	0.36	-0.15	1.04	-0.21
Forest Lake	60	29	41.8	1	0.25	-0.28	-0.17	-0.15
MSP Airport	55	31	42.4	0.7	0.16	-0.33	-0.4	-0.21
Mora	53	26	37.2	-0.9	0.15	-0.35	1.21	-0.16
St. Paul - UofM	56	30	41.3	0.5	0.18	-0.35	0.1	-0.22
SOUTH WEST DISTRICT								
Lamberton	60	28	40.4	0.4	0.09	-0.28	0.33	-0.16
Marshall	57	25	39.8	-0.3	0.03	-0.37	0.18	-0.17
Pipestone	62	27	38.8	-0.3	0.3	-0.12	0.29	-0.18
Redwood Falls	57	30	41	0.5	0.04	-0.37	0.08	-0.17
Sioux Falls	56	29	41.3	0.7	0.23	-0.18	0.91	-0.17
SOUTH CENTRAL DISTRICT								
Worthington	60	29	40.2	0	0.14	-0.23	0.62	-0.16
North Mankato	61	21	42.2	0.8	0.11	-0.38	-0.37	-0.21
Owatonna	65	31	42	0.9	0.07	-0.39	-0.87	-0.19
Waseca	62	27	41.9	1	0.06	-0.49	-0.97	-0.23
Winnebago	63	30	42.6	1.1	0.06	-0.42	-0.65	-0.2
Cannon Falls	57	27	40.1	-0.1	0.13	-0.35	-1.01m	-0.2
SOUTH EAST DISTRICT								
La Crosse	58	30	45	1.5	0.12	-0.34	-1.27	-0.2
Preston	59	23	44	2.6	0.06	-0.44	-1.48	-0.22
Red Wing	69	28	42.4	0.8	0.17	-0.28	-0.84	-0.18
Rochester	56	29	42.6	1.1	0.02	-0.44	-1.04	-0.2
Rosemount	60	28	40.8	0.2	0.17	-0.41	-1	-0.24
Winona Dam	61	30	43.2	0.6	0.04	-0.46	-1.23	-0.22

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