



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 had another difficult week getting into their fields, according to the USDA, National Agricultural Statistics Service. A late season snow storm continued to bring moisture to areas that were already damp and cold. Livestock producers are concerned about the slow growth of alfalfa and pastures. The farmers that were able to work outside were busy with field preparation, fertilizer spreading, and planting.

There were 1.3 days rated suitable for fieldwork for the week ending May 5th, compared with last year's 3.5 days, and the average of 3.2 days. Topsoil moisture supplies were rated 2 percent very short, 15 percent short, 62 percent adequate, and 21 percent surplus. Subsoil moisture supplies were rated 11 percent very short, 35 percent short, 49 percent adequate, and 5 percent surplus. Corn planting, at 2 percent complete, is almost 50 percent behind the 5 year average. Oat planting is 9 percent complete, compared with 96 percent last year, and the five year average of 64 percent. Green peas are 10 percent planted, compared with 76 percent last year, and the average of 47 percent. Producers anticipate full scale fieldwork to begin on May 8th. Pasture conditions improved slightly to 21 percent very poor, 17 percent poor, 38 percent fair and 24 percent good.

Soil Moisture Levels as of May 5, 2013

	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil Moisture	2	15	62	21
Subsoil Moisture	11	35	49	5

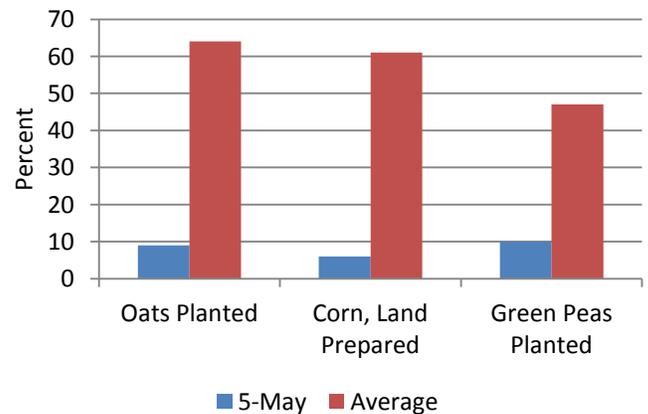
Crop Condition as of May 5, 2013

	Very Poor	Poor	Fair	Good	Exc
	Percent	Percent	Percent	Percent	Percent
Pasture	21	17	38	24	0

Crop Progress as of May 5, 2013

	This Week	Last Week	Last Year	5 Yr Avg
	Percent	Percent	Percent	Percent
Days Suitable for Fieldwork	1.3	0.4	3.5	3.2
Oats planted	9	1	96	64
Corn, land prepared	6	0	85	61
Green Peas planted	10	3	76	47
Approximated Dated to begin				
Full Scale Fieldwork	5/8	5/7	4/16	4/21

Percent Planted vs 5-Year Average



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.noaa.gov/view/states.php?state=MN>

Precipitation and Temperature Summary for 4/29/2013 through 5/05/2013

	Temperature				Precipitation			
	High	Low	Week Average	Depart from Norm	Week Total	Depart From Normal		
						Past Week	Four Weeks	Since 4/1
NORTHWEST DISTRICT								
Crookston	63	24	41.4	-8.5	0.2	-0.26	-0.59	-0.77
Itasca	64	21	38	-8.8	0.54	0.02	0.66	0.72
Moorhead	66	23	42	-9.9	0.19	-0.26	0.3	0.56
Pembina, ND	60	26	38	-9.9	0.7	0.27	0.24	0.09
Warroad	63	22	37.6	-9.1	0.36	-0.09	-.56m	-.79m
NORTH CENTRAL DISTRICT								
Grand Rapids	69	24	41.5	-7.6	0.16	-0.41	0.34	0.25
Intl. Falls	61	23	38.2	-8.5	0.92	0.43	0.57	0.5
NORTH EAST DISTRICT								
Duluth	67	27	41.2	-5.3	0.62	-0.02	1.65	2.14
Grand Marais	55	32	39.5	-4.3	0.8	0.33	3.88	4.44
Hibbing	67	25	41.8	-3.9	0.16	-0.29	-0.53	-0.46
WEST CENTRAL DISTRICT								
Alexandria	69	26	41.4	-9.7	0.03	-0.51	-1.05	-1.19
Breckenridge	68	24	41.8	-9.8	0.24	-0.36	0.06	-0.36
Browns Valley	70	23	43.2	-8.3	0.1	-0.42	0.29	-0.21
Canby	76	23	44.4	-8.2	0.06	-0.57	1.19	.62m
Montevideo	81	24	43.6	-8.6	0.1	-0.5	0.9	0.39
Morris	70	25	41.6	-10	0.03	-0.54	-0.73	-1.13
Wheaton	71	24	41.7	-9.9	0.13	-0.4	-0.55	-1.03
CENTRAL DISTRICT								
Becker	80	33	50.7	-2.7	0.13	-0.61	-0.05	-0.43
Collegeville	70	28	45.6	-8	0.26	-0.41	0.93	0.36
Hutchinson	84	29	46.7	-6.2	0.2	-0.39	1.63	1.26
Melrose	72	26	43.2	-7.7	0.1	-0.57	-0.5	-1.05
Olivia	83	24	45.4	-6.9	0.2	-0.4	0.38	0.04
St. Cloud	73	28	45.3	-6.2	0.21	-0.39	0.37	0.11
Wadena	66	24	40.6	-8.3	0.03	-0.59	-0.32	-0.77
Willmar	77	27	44.1	-8.7	0.11	-0.5	-0.39	-0.88
EAST CENTRAL DISTRICT								
Aitkin	69	26	42.2	-6.4	1	0.37	2.22	2.23
Forest Lake	76	31	47.2	-5.6	0.97	0.21	1.59	1.32
MSP Airport	75	32	49.1	-5.1	0.63	-0.04	2.93	2.71
Mora	75	31	45.2	-5.2	0.29	-0.33	-.41m	-.86m
St. Paul	79	29	45.8	-7	0.86	0.1	2.77	2.36
SOUTH WEST DISTRICT								
Lamberton	83	26	45.1	-7.4	0.43	-0.28	0.76	0.18
Marshall	79	23	45.6	-7.3	0	-0.7	.43m	-.10m
Pipestone	82	24	45.9	-6.2	0.19	-0.5	-1.03m	-1.62m
Redwood Falls	75	27	45.7	-8.1	0.14	-0.52	-0.31	-0.43
Sioux Falls	78	24	46	-7	0.75	0.01	0.81	0.34
SOUTH CENTRAL DISTRICT								
Worthington	82	25	43.8	-8.2	1.01	0.29	1.56m	.93m
North Mankato	75	32	51.8	-1.4	0.74	0.04	2.12	1.48
Owatonna	81	30	50	-2.5	2.62	1.8	5.22	4.72
Waseca	80	30	47.2	-6.1	2.26	1.46	4.97	4.4
Winnebago	81	31	46.3	-7.1	1.23	0.37	3.78	3.14
Cannon Falls	77	30	46.4	-5.3	1.57	0.8	2.99	2.59m
SOUTH EAST DISTRICT								
La Crosse	85	32	51.5	-3.5	1.41	0.63	3.79	3.28
Preston	78	30	48.2	-3.9	3.01	2.16	6.35m	5.62m
Red Wing	77	32	48.5	-5	2.39	1.66	5.4	4.94
Rochester	76	31	45.6	-7.6	3.48	2.7	6.45	5.96
Rosemount	78	31	47.1	-5.7	1.26	0.47	2.71	2.19m
Winona Dam	80	32	49.4	-3.2	2.91	2.09	5.16	4.59

m=some data missing

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