



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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It was a cold start to the month of April. It also continues to be very dry across the state. These conditions have limited field work compared with last year. The lingering heavy snow is slowly melting across the northern parts of the state. Many of the grassy areas in other parts are still brown. Farmers are keeping a close watch on low lying areas that may be flooded from melting snow. Farm activities included hauling manure, building maintenance and construction.

For the week ending April 7, 2013, only 0.2 days were rated suitable for fieldwork statewide. Producers anticipate full scale fieldwork to begin on April 26th. Topsoil moisture supplies were rated 10 percent very short, 30 percent short, 47 percent adequate, and 13 percent surplus. Subsoil moisture supplies were rated 28 percent very short, 46 percent short, 23 percent adequate, and 3 percent surplus. Pasture conditions were rated 29 percent very poor, 15 percent poor, 32 percent fair and 24 percent good

Days Suitable and Moisture Levels as of April 7, 2013

Days Suitable for Fieldwork	Days			
	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil Moisture	10	30	47	13
Subsoil Moisture	28	46	23	3

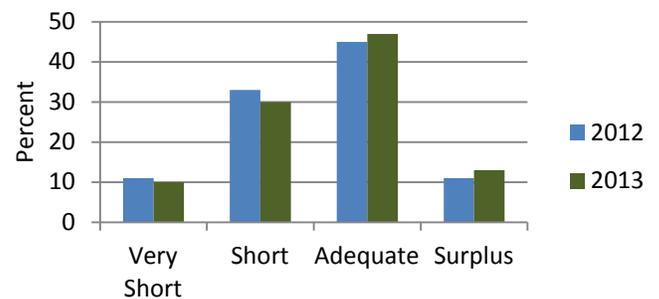
Crop Condition as of April 7, 2013

	Very Poor	Poor	Fair	Good	Exc
	Percent	Percent	Percent	Percent	Percent
Pasture	29	15	32	24	0

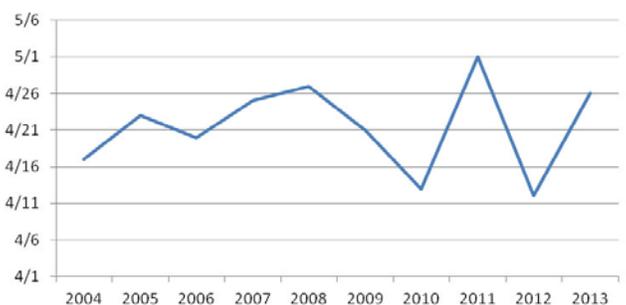
Crop Progress as of April 7, 2013

	This Week	Last Week	Last Year	5 Yr Avg
Approx Date to begin Full-Scale Fieldwork	4/26	NA	4/12	4/21

Topsoil Moisture Supply, April 7



Approximate Date to Begin Fieldwork



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 4/1/2013 through 4/7/2013

	Temperature				Precipitation			
	High	Low	Week Average	Depart from Norm	Week Total	Depart From Normal		
						Past Week	Four Weeks	Since 11/1
NORTHWEST DISTRICT								
Crookston	38	8	23.3	-12.7	0.02	-0.18	-0.26	-0.26
Itasca	40	6	24.6	-8.9	0.05	-0.32	-0.35	1.09m
Moorhead	43	11	28.5	-9.8	0.55	0.27	0.21	0.42
Pembina, ND	36	1	19.2	-14.6	0	-0.15	-0.38	0.68
Warroad	43	4	21.8	-11.7	0.06	-0.17	-0.21	-.28m
NORTH CENTRAL DISTRICT								
Grand Rapids	42	9	28	-8.7	0.32	-0.1	-0.32	1.23
Intl. Falls	42	-1	24	-9.7	0.21	-0.07	-0.25	2.62
NORTH EAST DISTRICT								
Duluth	42	13	29.5	-5	0.98	0.49	0.35	1.29
Grand Marais	47	15	29.9	-4.9	0.47	0.15	0.46	5.05
Hibbing	43	4	27.1	-6.5	0.4	0.08	-0.22	0.06
WEST CENTRAL DISTRICT								
Alexandria	44	10	27.8	-10	0.29	-0.15	-0.72	-2.64m
Breckenridge	43	5	23.4	-13.3	0.02	-0.41	-0.32	1.77
Browns Valley	50	8	27.3	-11.1	0	-0.5	-1.37	-1.42m
Canby	M	M	M	M	M	M	-1.70m	-.77m
Montevideo	57	11	30	-8.9	0.03	-0.51	-1.64	-0.34
Morris	46	12	27	-11	0.08	-0.4	-1.05	0.43
Wheaton	45	10	25.6	-12	0.01	-0.47	-1.24	-0.17
CENTRAL DISTRICT								
Becker	49	14	31.2	-9.5	0.24	-0.38	-0.61	0.54
Collegeville	43	12	30.6	-10.1	0	-0.57	-1.27	-0.53
Hutchinson	52	14	32.2	-8.2	0.14	-0.37	-0.67	.66m
Melrose	44	10	27	-10.9	0	-0.55	-1	.55m
Olivia	52	15	32	-7.2	0.2	-0.35	-1.22	-.19m
St. Cloud	46	13	31.1	-8	0.29	-0.25	-0.35	1.73
Wadena	42	7	23.8	-11.9	0.03	-0.45	-0.51	1.25
Willmar	48	13	28.9	-10.7	0.06	-0.49	-1.09m	.24m
EAST CENTRAL DISTRICT								
Aitkin	43	12	29.1	-7.4	0.56	0.01	-0.65	0.94
Forest Lake	51	14	31.8	-8.7	0.29	-0.27	-0.02	1.32
MSP Airport	55	19	36.8	-5.5	0.35	-0.22	-0.96	-0.21
Mora	44	13	29.6	-8.3	0.05	-0.45	-0.65	0.02
St. Paul - Uo	50	16	32.2	-8.3	0.15	-0.41	-0.85	0.03
SOUTH WEST DISTRICT								
Lamberton	56	18	33.9	-5.6	0.04	-0.58	-1.76	-1.75
Marshall	59	18	34.6	-5.2	0.02	-0.53	-1.75	-1.4
Pipestone	61	13	35.4	-4.3	0.02	-0.59	-1.84	-2.37
Redwood Falls	55	18	35.6	-5.6	0.45	-0.12	-1.27	-2.71m
Sioux Falls	64	15	40.5	-1	0.15	-0.48	-1.75	-1.56
SOUTH CENTRAL DISTRICT								
Worthington	55	15	33.8	-5.7	0	-0.63	-1.73	-1.05
North Mankato	57	19	35.4	-5.5	0.02	-0.64	-1.89	-1.94
Owatonna	61	17	34.6	-6	0.15	-0.47	-1.22	-0.31
Waseca	60	18	34.1	-6.6	0.13	-0.58	-1.23	-0.96
Winnebago	61	18	34.5	-6.6	0.05	-0.64	-1.61	-1.39
Cannon Falls	57	16	32.8	-7	0.2	-0.4	-1.89m	-4.59m
SOUTH EAST DISTRICT								
La Crosse	59	18	38	-5.6	0.2	-0.5	-1.13	-0.34
Preston	59	15	33.8	-7.4	0.16	-0.58	-0.31	-0.76
Red Wing	54	19	34.2	-6.9	0.12	-0.46	-0.86	-0.27
Rochester	58	19	35.6	-6	0.18	-0.49	-1.13	-0.05
Rosemount	55	17	33.4	-7.5	0.27	-0.36	-1.69m	-2.54m
Winona Dam	55	18	33.7	-7.6	0.13	-0.56	-0.35	-0.25

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