



# Minnesota Ag News – Crop Weather

USDA, NASS, Minnesota Field Office  
P.O. Box 7068 – St. Paul, MN 55107  
(651) 201-6030 · (651) 201-6479 FAX

Email: [nass-mn@nass.usda.gov](mailto:nass-mn@nass.usda.gov) - Homepage: <http://www.nass.usda.gov>

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COOPERATING WITH THE MN DEPARTMENT OF AGRICULTURE, NATIONAL WEATHER SERVICE - CHANHASSEN, MN

UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, USDA-NRCS, and Local FACs

## EARLY PLANTING UNDERWAY

This issue of the Weekly Crop-Weather Report is the first for the 2012 growing season for the USDA, NASS, Minnesota Field Office. A mild, dry winter, followed by record-breaking warmth in March, allowed producers to begin planting in central and southern areas of the state. As of April 1, 3.9 days were rated suitable for fieldwork statewide. Producers anticipated full scale fieldwork to begin on April 12, 7 days ahead of average.

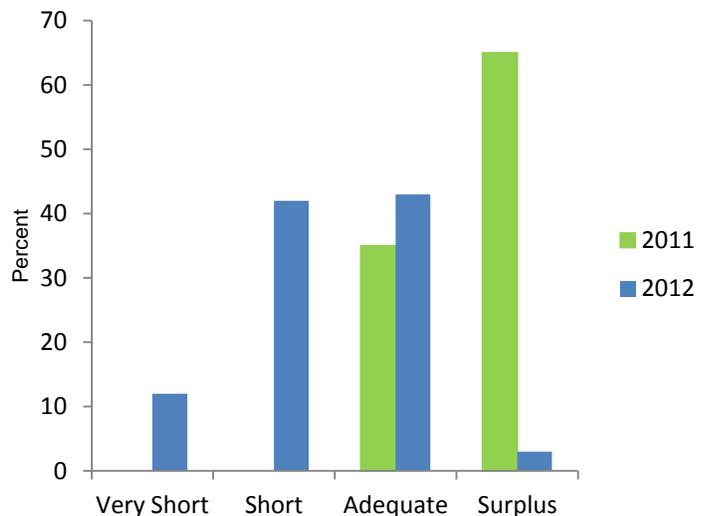
Spring wheat was 3 percent planted, compared to 0 percent last year and 0 percent for the five year average. Oats were 18 percent planted, compared to 0 percent last year and average. Barley was 6 percent planted, compared to 0 percent last year and average. Three percent of land was prepared for corn and 1 percent was prepared for soybeans. Other farm activities included equipment maintenance, fertilizer application, and spring calving.

Statewide average temperatures were 10.4° above normal this past week. Rain helped replenish soil moisture which has been lacking since late last summer. Amounts ranged from .69 inch in north central areas to .13 inch in east central areas; however, areas in the southern third of the state continue to be rated as undergoing a severe drought, according to the U.S. Drought Monitor. Topsoil moisture supplies were rated 12 percent very short, 42 percent short, 43 percent adequate, and 3 percent surplus. Subsoil moisture supplies were rated 18 percent very short, 50 percent short, and 32 percent adequate.

Days Suitable for Fieldwork: 3.9				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	12	42	43	3
Subsoil Moisture	18	50	32	0

Crop Progress as of April 1, 2012					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Oats	Planted	18	NA	0	0
Spring Wheat	Planted	3	NA	0	0
Barley	Planted	6	NA	0	0
Corn	Land Prepared	3	NA	0	0
Soybeans	Land Prepared	1	NA	0	0
Approximated Date to Begin Full- Scale Fieldwork		4/12	NA	4/22	4/19

Topsoil Moisture Supply, April 1



The following links provides 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 TEMPERATURES FOR THE WEEK ENDING April 1, 2012:  
 Temperatures averaged from 7.2 degrees above normal in the Northeast District to 15.4 degrees above normal in the Southwest District.  
 Extremes: 16 degrees in Warroad; 81 degrees in Pipestone. Average precipitation ranged from 0.36 inch below normal in the East Central District to 0.37 inch above normal in the Northwest, North Central District. Greatest weekly total of 1.42 inches was recorded in Olivia.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website;  
<http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 3/26/2012 through 4/1/2012

	Temperature				Precipitation			
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Four Weeks	From Norm Since 4/1	
<u>NW DIST 1</u>								
Crookston	66	25	42.4	10.0	.62	.42	.90	-.03
Itasca	60	25	40.8	10.4	.89	.54	.69	-.04
Moorhead	73	30	48.2	13.4	.32	.02	-.47	-.04
Warroad	65	16	36.4	6.2	.68	.47	1.40	-.03
<u>NC DIST 2</u>								
Grand Rapids	66	25	40.2	6.5	.34	-.04	-.21	-.06
Intl. Falls	59	20	39.1	8.7	1.04	.78	1.85	-.03
<u>NE DIST 3</u>								
Duluth	67	27	39.6	8.0	.45	.01	-.12	.10
Grand Marais	49	26	37.8	5.4	.51	.24	.89	-.04
Hibbing	67	18	38.9	8.2	.48	.20	.51	.01
<u>WC DIST 4</u>								
Alexandria	69	33	47.0	12.5	.17	-.22	-.29	-.05
Browns Valley	73	32	47.0	11.8	.28	-.18	-.93	-.07
Canby	74	30	49.2	12.5	.22	-.28	-.20	-.08
Montevideo	71	33	48.8	13.2	.28	-.22	-.47	-.07
Morris	65	30	45.5	10.8	.25	-.18	-.43	-.06
Wheaton	70	30	45.4	11.2	.30	-.14	-.89	-.07
<u>CENT DIST 5</u>								
Becker	66	34	46.5	8.9	.32	-.21	-.44	-.08
Collegeville	68	32	48.8	11.3	.20	-.32	-.27	-.08
Hutchinson	69	36	49.2	12.0	.14	-.32	-.14	-.07
Melrose	71	30	47.2	12.4	.08	-.40	-.42	-.07
Olivia	67	34	47.2	11.3	1.42	.95	.80	-.07
St. Cloud	67	33	47.7	11.8	.12	-.36	-.43	-.07
Wadena	60	28	42.4	10.0	.61	.17	-.22	-.07
Willmar	63	32	47.0	10.7	.20	-.27	-.15	-.07
<u>EC DIST 6</u>								
Aitkin	66	28	42.7	9.4	.22	-.28	-.53	-.08
Forest Lake	71	34	47.4	10.2	0	-.49	-.12	-.08
MSP Airport	68	37	48.7	9.5	.21	-.32	-.51	-.08
Mora	67	31	43.4	8.5	.08	-.37	-.56	-.07
St. Paul - UofM	67	36	46.4	9.2	.14	-.35	-.55	-.08
<u>SW DIST 7</u>								
Lamberton	72	35	51.3	14.8	.35	-.18	-.39	-.08
Marshall	78	33	51.0	14.4	.22	-.29	-.54	-.08
Pipestone	81	18	49.6	13.0	.25	-.29	-.38	-.08
Redwood Falls	72	37	52.9	14.9	.24	-.26	-.16	-.07
Worthington	72	35	52.4	15.9	.71	.17	-.12	-.08
<u>SC DIST 8</u>								
North Mankato	68	36	50.4	12.5	.42	-.17	-.64	-.09
Owatonna	70	38	48.2	10.7	.49	-.09	-.52	-.09
Waseca	70	38	48.4	10.8	.42	-.26	-.50	-.10
Winnebago	72	38	50.4	12.2	.12	-.48	-.39	-.09
<u>SE DIST 9</u>								
Preston	75	30	47.3	8.9	1.07	.45	.37	-.10
Red Wing	72	36	47.7	9.8	.37	-.15	-.36	-.08
Rochester	73	36	48.5	9.8	.11	-.48	-.57	-.09
Rosemount	71	35	47.1	9.3	.53	-.08	-.35	-.09
Winona Dam	75	35	49.3	11.0	.43	-.15	-.09	-.09

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