



Minnesota Ag News – Crop Weather

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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

WEATHER COOLS; PLANTING CONTINUES

Planting continued this past week amid cooler temperatures that settled across the region, according to the USDA, NASS, Minnesota Field Office. For the week ending April 15, temperatures fell well below freezing across several areas of the state for the first time since early March. Morning lows were reported in the teens and twenties. Active weather moved across the state over the weekend and included thunderstorms, strong winds, snow, and reported tornadoes in localized areas. Average rainfall amounts ranged from .41 inch in northwest areas to 1.72 inches in northeast areas.

Topsoil moisture supplies were rated 14 percent very short, 34 percent short, 49 percent adequate, and 3 percent surplus. Subsoil moisture supplies were rated 17 percent very short, 48 percent short, 34 percent adequate, and 1 percent surplus. Statewide, 5.0 days were rated suitable for fieldwork.

Spring wheat planting was 56 percent complete, compared to 0 percent last year and 6 percent for the five-year average. Eight percent of the state's spring wheat was emerged. Oats planted were 77 percent complete, compared to 3 percent last year and 14 percent average. Nineteen percent of the state's oats were emerged. Barley planting was 35 percent complete, compared to 1 percent last year and 7 percent average. Eight percent of the state's barley was emerged.

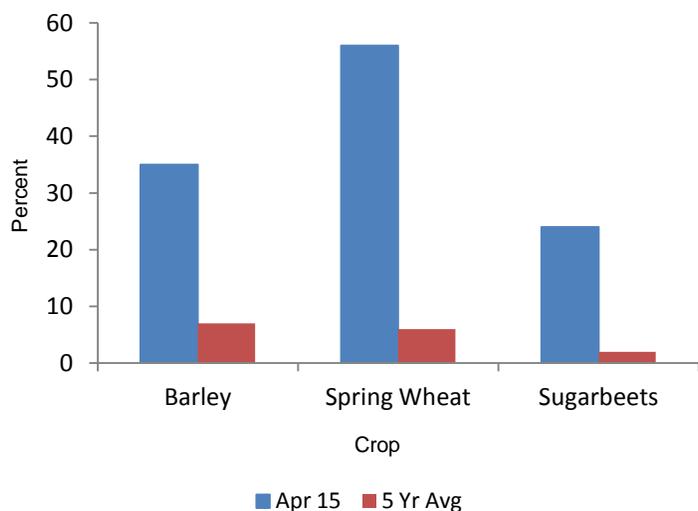
Land prepared for corn was 27 percent complete, and 7 percent of corn was planted, compared to 0 percent last year and 2 percent average. Land prepared for soybeans was 8 percent complete.

Sugarbeet planting was underway at 24 percent complete, compared to 0 percent last year and 2 percent average. Green pea planting was 19 percent complete, compared to 0 percent last year and 2 percent average. Potato planting was 24 percent complete, compared to 0 percent last year and 4 percent average.

Days Suitable for Fieldwork: 5.0				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	14	34	49	3
Subsoil Moisture	17	48	34	1

Crop Progress as of April 15, 2012					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Oats	Planted	77	49	3	14
Oats	Emerged	19	4	0	1
Spring Wheat	Planted	56	25	0	6
Spring Wheat	Emerged	8	NA	0	0
Barley	Planted	35	18	1	7
Barley	Emerged	8	1	0	0
Corn	Land Prepared	27	16	2	6
Corn	Planted	7	1	0	2
Soybeans	Land Prepared	8	4	1	2
Sugarbeets	Planted	24	NA	0	2
Potatoes	Planted	24	NA	0	4
Sweet Corn	Planted	1	NA	0	0
Green Peas	Planted	19	NA	0	2

Percent Planted vs 5 Yr Avg



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 15, 2012:
 Temperatures averaged from 0.7 degree below normal in the North Central District to 3.0 degrees above normal in the Northeast District. Extremes: 13 degrees in Warroad; 77 degrees in Forest Lake. Average precipitation ranged from 0.13 inch above normal in the Northwest District to 1.28 inches above normal in the Northeast District. Greatest weekly total of 3.03 inches was recorded in Pipestone.

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 4/9/2012 through 4/15/2012

	Temperature				Precipitation			
	High	Low	Week Ave	Depart from Norm	Week Total	Depart From Norm Past Four Weeks	Since 4/1	
<u>NW DIST 1</u>								
Crookston	68	17	41.3	.8	.37	.13	.84	-.10
Itasca	70	16	41.2	3.6	.24	-.16	.55	-.56
Moorhead	71	15	42.8	.2	.70	.41	-.09	.09
Warroad	60	13	33.6	-4.0	.37	.10	1.67	.54
<u>NC DIST 2</u>								
Grand Rapids	71	18	39.6	-.9	1.84	1.38	.96	.91
Intl. Falls	62	18	37.4	-.4	.38	.05	1.75	-.12
<u>NE DIST 3</u>								
Duluth	72	24	42.4	4.2	2.20	1.65	1.70	1.62
Grand Marais	66	27	41.3	3.5	1.31	.94	1.72	.80
Hibbing	67	17	38.6	1.2	1.64	1.27	1.75	1.20
<u>WC DIST 4</u>								
Alexandria	70	22	42.3	.2	2.23	1.74	1.70	1.50
Browns Valley	72	17	40.9	-1.5	1.30	.76	-.24	.18
Canby	72	21	45.0	1.3	1.05	.43	.14	-.21
Montevideo	75	20	43.4	.3	.75	.17	-.36	-.46
Morris	69	21	41.4	-.9	.66	.12	-.32	-.33
Wheaton	72	20	41.6	-.3	1.34	.82	-.12	.26
<u>CENT DIST 5</u>								
Becker	73	22	43.7	-1.0	.20	-.50	-1.07	-1.21
Collegeville	75	18	46.5	1.7	1.45	.83	.57	.17
Hutchinson	74	24	45.5	1.2	.75	.18	-.24	-.39
Melrose	72	21	43.0	1.0	.65	.04	-.31	-.59
Olivia	73	19	43.6	.4	.82	.20	-.27	-.43
St. Cloud	74	20	43.7	.7	1.65	1.05	.55	.45
Wadena	66	17	40.8	.9	.96	.43	.30	-.12
Willmar	74	21	43.0	-.8	.61	-.01	-.26	-.64
<u>EC DIST 6</u>								
Aitkin	55m	21m	36.9m	-3.5m	.36	-.25	-.78	-.85
Forest Lake	77	23	45.4	.8	.77	.13	-.07	-.11
MSP Airport	75	27	47.8	1.7	1.26	.65	.63	.63
Mora	74	24	43.5	1.7	.49	-.07	-.54	-.45
St. Paul - UofM	73	26	46.0	1.4	.92	.28	-.05	.17
<u>SW DIST 7</u>								
Lamberton	72	18	44.8	1.4	1.05	.35	-.20	-.36
Marshall	72	21	46.0	2.2	.97	.36	-.28	-.27
Pipestone	72	19	43.0	-.5	3.03	2.35	1.81	1.65
Redwood Falls	73	21	46.4	1.3	1.46	.83	.63	.19
Worthington	72	16	44.3	1.0	1.61	.89	.43	.16
<u>SC DIST 8</u>								
North Mankato	75	23	46.0	1.3	.71	-.01	-.54	-.64
Owatonna	68	21	46.6	2.1	.87	.19	-.30	-.45
Waseca	69	21	43.8	-.8	.83	.09	-.28	-.68
Winnebago	66	24	45.8	.9	1.56	.78	.16	.04
<u>SE DIST 9</u>								
Preston	70	20	45.2	.6	1.06	.21	.24	-.61
Red Wing	74	28	46.1	1.0	.70	.06	-.15	-.35
Rochester	76	23	48.1	2.7	.82	.06	-.71	-.66
Rosemount	74	24	45.3	.5	1.20	.54	.39m	-.04m
Winona Dam	71	29	46.6	1.6	.56	-.25	-.55	-1.01

m=some data missing

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