



# 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

## WIDESPREAD PRECIPITATION IMPROVES SOIL MOISTURE SUPPLIES

Above average precipitation was reported across the state, improving soil moisture supplies, according to the USDA, NASS, Minnesota Field Office. For the week ending April 22, average rainfall amounts varied from 0.76 inch in northeastern areas to 1.85 inches in west central areas. Topsoil moisture supplies were rated 4 percent very short, 21 percent short, 69 percent adequate, and 6 percent surplus, compared to 14 percent very short, 34 percent short, 49 percent adequate, and 3 percent surplus the previous week. Statewide, 2.9 days were rated suitable for fieldwork.

Spring wheat planting advanced to 84 percent complete, compared to 0 percent last year and 17 percent for the five-year average. Twenty percent of the state's spring wheat was emerged. Barley planting was 52 percent complete, compared to 1 percent last year and 17 percent average. Fourteen percent of the state's barley was emerged. Oats planted were 81 percent complete, compared to 4 percent last year and 26 percent average. Thirty-six percent of the state's oats were emerged. In the first condition ratings of the season, oats were rated 2 percent poor, 24 percent fair, 71 percent good and 3 percent excellent.

Land prepared for corn was 36 percent complete, and 11 percent of corn was planted, compared to 0 percent last year and 12 percent average. Land prepared for soybeans was 13 percent complete.

Sugarbeet planting was 45 percent complete, compared to 0 percent last year and 13 percent average. Green pea planting was 44 percent complete, compared to 0 percent last year and 12 percent average. Potato planting was 41 percent complete, compared to 0 percent last year and 14 percent average. Canola planting was 9 percent complete, compared to 0 percent last year and 7 percent average.

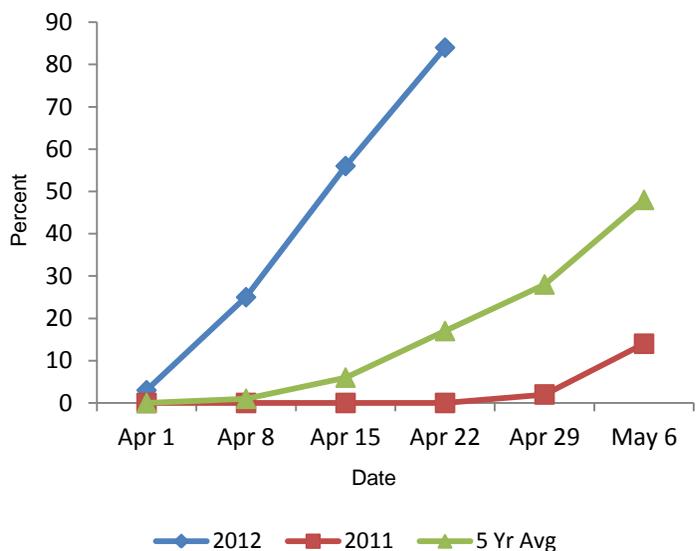
Pasture conditions were rated 11 percent poor, 38 percent fair, 47 percent good and 4 percent excellent.

Days Suitable for Fieldwork: 2.9				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	4	21	69	6

Crop Progress as of April 22, 2012					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
					----- Percent -----
Oats	Planted	81	77	4	26
Oats	Emerged	36	19	0	6
Spring Wheat	Planted	84	56	0	17
Spring Wheat	Emerged	20	8	0	3
Barley	Planted	52	35	1	17
Barley	Emerged	14	8	0	4
Corn	Land Prepared	36	27	2	20
Corn	Planted	11	7	0	12
Soybeans	Land Prepared	13	8	1	5
Sugarbeets	Planted	45	24	0	13
Potatoes	Planted	41	24	0	14
Canola	Planted	9	0	0	7
Sweet Corn	Planted	3	1	0	1
Green Peas	Planted	44	19	0	12

Condition as of April 22, 2012					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Pasture	0	11	38	47	4
Oats	0	2	24	71	3

Spring Wheat Planted



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 22, 2012:  
 Temperatures averaged from 6.8 degrees below normal in the North Central District to .7 degrees below normal in the Southwest District. Extremes: 10 degrees in Warroad; 77 degrees in Winona Dam. Average precipitation ranged from 0.30 inch above normal in the Southwest District to 1.29 inches above normal in the West Central District. Greatest weekly total of 3.12 inches was recorded in Wadena.

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 4/16/2012 through 4/22/2012

	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	59	24	42.2	-1.9	.56	.27	.62	-.93
Itasca	55	21	38.7	-2.3	2.92	2.48	2.46	1.01m
Moorhead	62	25	45.1	-1.0	.29	-.03	.12	-1.48
Warroad	52	10	34.7	-6.3	.30	-.02	1.02	.15
<u>NC DIST 2</u>								
Grand Rapids	56	19	36.1	-7.6	2.17	1.67	2.59	.66
Intl. Falls	51	18	35.0	-6.1	1.08	.70	1.39	1.98
<u>NE DIST 3</u>								
Duluth	53	21	37.0	-4.2	.62	.03	1.55	-.40
Grand Marais	49	18	34.8	-5.3	.76	.35	1.42	.92
Hibbing	54	18	33.4	-7.1	.90	.50	1.89	.54
<u>WC DIST 4</u>								
Alexandria	58	30	43.4	-2.1	.97	.45	1.79	-.31m
Browns Valley	61	27	43.7	-2.1	2.43	1.88	1.94	-.44
Canby	M	M	M	M	M	M	-1.07m	-2.92m
Montevideo	61	31	44.8	-1.8	1.74	1.14	.53	-2.50
Morris	58	30	42.8	-3.0	1.59	1.03	.58	-1.16
Wheaton	61	30	43.9	-1.6	2.52	1.98	2.16	-.08
<u>CENT DIST 5</u>								
Becker	60	28	43.2	-4.7	1.45	.71	-.64	-3.11
Collegeville	60	29	46.8	-1.3	1.21	.56	.48	-1.28
Hutchinson	74	30	44.8	-2.8	1.70	1.11	.47	1.05m
Melrose	58	29	43.2	-2.1	1.79	1.14	.22	-1.78
Olivia	60	30	43.7	-2.9	1.04	.40	-.08	-.21
St. Cloud	60	26	43.8	-2.5	.82	.19	.35	-.80
Wadena	56	26	40.1	-3.1	3.12	2.55	2.68	.23
Willmar	59	30	43.4	-3.7	1.28	.64	-.21	-1.50
<u>EC DIST 6</u>								
Aitkin	59m	23m	39.0m	-4.6m	2.27	1.64	.43	-.85m
Forest Lake	67	29	44.8	-3.0	1.36	.66	.13	-.93
MSP Airport	63	33	46.4	-2.8	.80	.16	.54	-.97
Mora	59	23	41.4	-3.6	2.03	1.44	.68	-1.24m
St. Paul - UofM	73	30	45.3	-2.5	1.29	.59	-.31	-1.84
<u>SW DIST 7</u>								
Lamberton	73	32	46.2	-.5	1.04	.31	-.15	-.85
Marshall	72	32	46.1	-1.1	1.13	.48	-.45	-2.77
Pipestone	67	26m	47.2m	.5m	1.10	.39	1.83	.70
Redwood Falls	61	32	45.4	-2.9	.94	.28	.27	.22
Worthington	70	32	46.4	-.1	1.24	.48	.89	.93
<u>SC DIST 8</u>								
North Mankato	62	32	43.6	-4.3	2.21	1.47	.74	-.54
Owatonna	75	32	45.5	-2.1	1.68	.95	.50	-.62
Waseca	74	32	45.2	-2.6	1.73	.97	-.40	-2.06
Winnebago	76	32	47.6	-.5	1.47	.63	-.52	-.54
<u>SE DIST 9</u>								
Preston	76	27	46.6	-.8	1.88	.98	.92	-.80
Red Wing	74	31	46.5	-1.8	1.04	.36	-.06	-.78
Rochester	67	31	46.8	-1.5	1.10	.30	-.74	-2.12
Rosemount	74	30	44.6	-3.3	2.22m	1.53m	.49m	-1.53m
Winona Dam	77	31	47.9	-.1	1.44	.59	-.48	-1.29

m=some data missing

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