



# 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

Released June 17, 2013

Issue No: CW2413

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Corn and soybean planting advanced slowly for Minnesota farmers during the week ending June 16, 2013 according to the USDA, National Agricultural Statistics Service. Statewide, there were 3.6 days suitable for field work, compared to 2.6 last week and 4.7 a year ago.

The statewide temperature average for the week was 64.0 degrees, which is 0.5 degrees below normal. Statewide precipitation totals were similar to normal at 1.06 inches of rain. Topsoil moisture supplies decreased to 0 percent very short, 2 percent short, 70 percent adequate, and 28 percent surplus. Subsoil moisture supplies also decreased to 1 percent very short, 6 percent short, 76 percent adequate and 17 percent surplus.

Corn planting moved ahead 4 percentage points to 94 percent complete. Corn emergence advanced 8 percentage points to 86 percent, compared to the five-year average of 99 percent. The statewide average corn height was 6 inches tall, compared to 22 inches last year, and the average of 13 inches. Corn condition improved to 58 percent good or excellent, compared to the previous week's 55 percent. Soybean planting was 84 percent complete, behind last year's 100 percent and the average of 99 percent. Soybean emergence advanced 26 percentage points to 64 percent emerged compared to last year's 99 percent and the average of 92 percent. Planting of small grains are nearly finished. Spring wheat emergence advanced 15 percentage points to 99 percent emerged. Alfalfa hay first cutting advanced 31 percentage points to 38 percent completed, compared with last year's 86 percent and the average of 67 percent.

Pasture condition improved to 71 percent good to excellent, compared with 63 percent the previous week.

## Soil Moisture Levels as of June 16, 2013

	Very Short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil Moisture .....	0	2	70	28
Subsoil Moisture .....	1	6	76	17

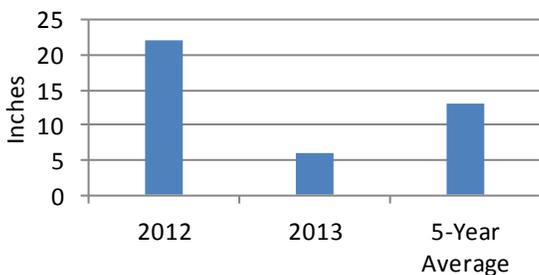
## Crop Condition as of June 16, 2013

	Very Poor	Poor	Fair	Good	Exc
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Pasture .....	1	4	24	55	16
Oats .....	0	4	26	59	11
Barley .....	2	9	43	43	3
Spring Wheat .....	3	7	35	49	6
Sugarbeets.....	0	6	30	56	8
Corn .....	2	6	34	50	8
Soybeans.....	1	5	35	54	5
Potatoes.....	0	1	17	64	18
Green Peas.....	1	18	29	48	4

## Crop Progress as of June 16, 2013

	This Week	Last Week	Last Year	5 Yr Avg
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Days Suitable for Fieldwork	3.60	2.60	4.70	3.80
Oats planted .....	97	92	100	100
Oats emerged .....	92	81	100	99
Oats jointed.....	29	10	95	67
Spring Wheat emerged .....	99	84	100	98
Spring Wheat, jointed.....	17	3	97	52
Barley planted .....	95	89	100	100
Barley emerged .....	92	78	100	99
Barley jointed .....	13	3	97	52
Corn, land prepared .....	96	94	100	100
Corn planted .....	94	90	100	100
Corn emerged .....	86	78	100	99
Corn height, inches .....	6	3	22	13
Soybeans, land prepared .....	88	79	100	100
Soybeans planted .....	84	72	100	99
Soybeans emerged .....	64	38	99	92
Potatoes planted .....	96	92	100	100
Sweet Corn planted .....	61	52	76	79
Green Peas planted .....	92	88	100	100
Canola planted .....	75	54	100	99
Dry Beans planted.....	86	75	100	96
Dry Beans emerged .....	60	16	96	84
Sunflowers planted .....	87	75	100	98
Alfalfa first cutting .....	38	7	86	67

**Corn Height on June 16**



## Precipitation and Temperature Summary for 6/6/2013 through 6/15/2013

	Temperature				Precipitation				G D D	
	High	Low	Week Average	Depart from Norm	Week Total	Depart From Normal			Since 05/16	Depart From Norm
						Past Week	Four Weeks	Since 4/1		
<b>NORTHWEST DISTRICT</b>										
Crookston	80	49	64.7	0.7	0.35	-0.57	1.07	-0.58	365	-13
Itasca	M	M	M	M	M	M	-.79m	-.75m	188m	-126m
Moorhead	85	49	66.4	0.9	0.5	-0.45	4.29	4.22	408	-7
Pembina, ND	80	47	63	0.8	0.18	-0.8	2.13	1.32	314	-23
Warroad	77	33	60.7	-0.8	0.12	-0.93	-0.83	-2.47m	258	-59
<b>NORTH CENTRAL DISTRICT</b>										
Grand Rapids	82	45	62.2	-0.4	0.49	-0.53	-0.27	-1.05	299	-46
Intl. Falls	80	42	61.2	1	0.58	-0.34	2.14	1.87	293	-6
<b>NORTH EAST DISTRICT</b>										
Duluth	82	48	61.8	2.5	0.63	-0.37	0.66	1.89	242	-31
Grand Marais	75	40	51.8	-1	0.31	-0.55	0.23	3.82	128	-34
Hibbing	79	41	60.4	1.7	0.7	-0.26	-0.18	-1.22	296	31
<b>WEST CENTRAL DISTRICT</b>										
Alexandria	78	53	65.6	1	0.58	-0.39	0.36	-0.58	318	-74
Breckenridge	M	M	M	M	M	M	.79m	-.65m	250m	-161m
Browns Valley	84	48	64.4	-0.9	1.27	0.38	2.10m	1.10m	342m	-68m
Canby	83	49	64.1	-3	2.72	1.77	3.3	3.41m	352	-94
Montevideo	83	46	63.4	-3.1	2.52	1.51	2.59	2.53	353	-83
Morris	82	50	63.4	-2.2	0.79	-0.15	0.59	-1.51	321	-93
Wheaton	82	49	63.9	-2.1	0.83	-0.12	0.59	-1.42	341	-79
<b>CENTRAL DISTRICT</b>										
Becker	78	54	65.1	-0.6	0.91	-0.14	-0.04	-1.68	350	-81
Collegeville	81	54	65.4	-1.4	0.5	-0.64	1.11	2.08	334	-113
Hutchinson	80	49	64.8	-2.2	2.28	1.15	0.68	2.6	351	-93
Melrose	78	54	64.3	-0.4	0.67	-0.32	1.57	0.82	318	-77
Olivia	79	50	63.3	-3.5	3.62	2.52	1.56	0.98	332	-109
St. Cloud	82	51	64.4	-0.5	0.49	-0.52	1.51	2.34	320	-78
Wadena	78	48	63.4	0.9	0.48	-0.59	.67m	-.28m	296m	-50m
Willmar	79	55	64.4	-2.5	1.1	-0.11	-.08m	-1.17m	330	-117
<b>EAST CENTRAL DISTRICT</b>										
Aitkin	M	M	M	M	M	M	.18m	1.69m	213m	-120m
Forest Lake	80	52	64.6	-2.2	0.48	-0.57	1.36	1.34	367	-69
MSP Airport	79	58	68.4	0.4	1.16	0.15	1.42	4.74	419	-49
Mora	79	48	62.8	-1.2	0.52	-0.47	1.62	.17m	315	-62
St. Paul - UofM	77	55	65.3	-1.5	2.47	1.42	4.65	6.35	348	-88
<b>SOUTH WEST DISTRICT</b>										
Lamberton	86	54	66.6	-1	1.96	0.97	-0.07	1.31	387	-72
Marshall	83	52	65	-2.4	1.93	1.03	0.01	-.01m	373	-81
Pipestone	84	49	63.9	-2.1	2.23	1.22	0.8	-.64m	362	-63
Redwood Falls	84	54	67.6	-0.3	1.36	0.32	-0.84	-1.65	391	-77
Sioux Falls	85	46	66.2	-0.8	0.45	-0.5	4.12	4.48	396	-46
<b>SOUTH CENTRAL DISTRICT</b>										
Worthington	87	53	65.6	-1.3	1.5	0.32	.95m	2.26m	363m	-75m
North Mankato	84	57	67.4	0	1.02	-0.2	-0.15	1.02	394	-61
Owatonna	84	54	66.8	-0.5	1.17	0.09	0.19	5.25	366	-80
Waseca	85	55	66.8	-1.2	2	0.89	1.43	5.55	365	-103
Winnebago	86	56	67.2	-0.6	2.79	1.7	2.11	4.41	390	-74
Cannon Falls	77	53	64.6	-1.9	1.38	0.34	1.81	6.31m	353	-70
<b>SOUTH EAST DISTRICT</b>										
La Crosse	81	57	68.8	0.3	0.63	-0.39	3.98	7.28	441	-41
Preston	84	51	66.8	0.8	1.11	-0.13	3.03	9.55m	380	-33
Red Wing	79	55	66	-0.9	1.12	0.14	0.12	3.96	388	79
Rochester	84	56	67.6	0.6	0.65	-0.45	3.22	11.08	374	-69
Rosemount	78	55	64.8	-1.9	1.26	0.14	1.26	2.54m	345	-88
Winona Dam	79	55	65.8	-0.9	0.86	-0.11	4.03	9.53	374	-56

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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.  
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