



Crops & Weather

National Agricultural Statistics Service
Minnesota Field Office

USDA National Agricultural Statistical Service, Minnesota Field Office • P.O. Box 7068 • St. Paul, MN 55107
Phone 651-201-6030 • 1-800-453-7502 • Fax 651-201-6092 • nass-mn@nass.usda.gov • www.nass.usda.gov
In Cooperation with the Minnesota Department of Agriculture, National Weather Service – Chanhassen MN,
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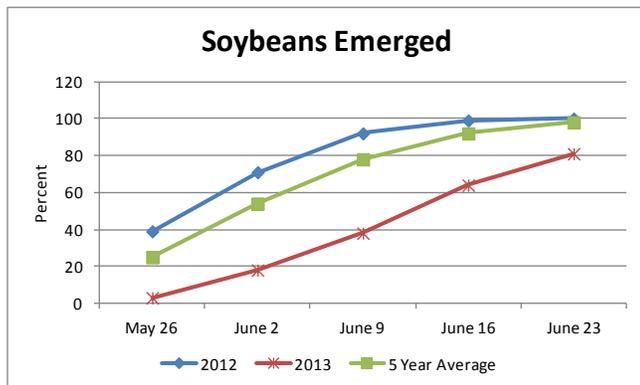
Media Contact: Dan Lofthus

Wet conditions continued to delay crop progress behind the five year average for Minnesota farmers during the week ending June 23, 2013 according to the USDA, National Agricultural Statistics Service. There were 3.8 days suitable for field work, up slightly when compared to last week's 3.6 days and last year's 3.7 days.

Statewide temperatures were 2.2 degrees above normal and precipitation was 1.56 inches above normal for last week. The Central district had the greatest average amount of precipitation at 3.80 inches. Topsoil moisture supplies increased to 0 percent very short, 1 percent short, 63 percent adequate, and 36 percent surplus. Subsoil moisture supplies also increased to 0 percent very short, 3 percent short, 75 percent adequate and 22 percent surplus.

Corn planting is nearly finished at 96 percent complete. Corn emergence advanced 4 percentage points to 90 percent complete, still behind the five year average of 100 percent. The statewide average corn height was 10 inches tall, compared to 32 inches last year, and the average of 21 inches. Corn condition slightly improved to 59 percent good or excellent compared to the previous week's 58 percent. Despite the wet conditions, soybean planting advanced 10 percentage points to 94 percent complete and emergence advanced 17 percentage points to 81 percent complete. Soybean emergence at this point last year was 100 percent complete. Soybean conditions were 1 percent very poor, 5 percent poor, 36 percent fair, 52 percent good, and 6 percent excellent. Nearly half of spring wheat was at or beyond the joint stage, compared to 100 percent last year and the 69 percent average. Spring wheat condition improved to 63 percent good or excellent. Minnesota farmers were nearly finished planting oats at 99 percent completed. Dry bean emergence advanced 17 percentage points to 77 percent emerged, behind last year's 100 percent and the average of 95 percent.

Range and pasture conditions improved to 76 percent good or excellent, compared to 71 percent the previous week. Other crop conditions improved slightly, with the exception of potatoes and oats.



Soil Moisture Levels as of June 23, 2013

	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil Moisture	0	1	63	36
Subsoil Moisture	0	3	75	22

Crop Condition as of June 23, 2013

	Very Poor	Poor	Fair	Good	Exc
	Percent	Percent	Percent	Percent	Percent
Pasture	1	4	19	55	21
Oats	1	4	26	59	10
Barley	1	8	39	47	5
Spring Wheat	2	8	27	56	7
Sugarbeets.....	0	5	26	59	10
Sunflowers	0	2	52	39	7
Corn	2	5	34	50	9
Soybeans.....	1	5	36	52	6
Potatoes.....	2	3	17	50	28
Canola	0	3	72	23	2
Dry Beans	0	7	31	50	12
Green Peas.....	5	7	34	50	4

Crop Progress as of June 23, 2013

	This Week	Last Week	Last Year	5 Yr Avg
Days Suitable for Fieldwork	3.80	3.60	3.70	3.90
	Percent	Percent	Percent	Percent
Oats emerged	99	92	100	100
Oats jointed.....	44	29	99	82
Spring Wheat, jointed.....	51	17	100	69
Barley emerged	95	92	100	100
Barley jointed.....	50	13	100	68
Corn planted	96	94	100	100
Corn emerged	90	86	100	100
Corn height, inches	10	6	32	21
Soybeans, land prepared	95	88	100	100
Soybeans planted	94	84	100	100
Soybeans emerged	81	64	100	98
Soybean height, inches	3	NA	9	6
Sweet Corn planted	73	61	86	87
Green Peas planted	97	92	100	100
Canola planted	82	75	100	100
Dry Beans planted.....	95	86	100	100
Dry Beans emerged	77	60	100	95
Sunflowers planted	94	87	100	100
Alfalfa first cutting	66	38	91	79

Precipitation and Temperature Summary for 6/16/2013 through 6/23/2013

	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		
NORTHWEST DISTRICT										
Crookston	89	54	71.4	5.6	0.18	-0.72	-0.69	-1.43	535	27
Itasca	84	43	66.6	3.5	1.35	0.18	-2.10m	-.73m	312m	-115m
Moorhead	89	58	72.2	4.8	2.68	1.75	4.88	5.84	584	28
Pembina, ND	85	53	68.4	4.3	0	-0.96	-1.01	0.28	462	6
Warroad	83	48	66	2.5	0	-1.07	-2.40m	-3.70m	373m	-59m
NORTH CENTRAL DISTRICT										
Grand Rapids	82	40	63.1	-1.4	1.74	0.68	-0.09	-0.33	414	-51
Intl. Falls	80	37	63.8	1.8	0.34	-0.6	-1.41	1.31	417	12
NORTH EAST DISTRICT										
Duluth	82	43	61	-0.3	2.79	1.77	1.43	3.79	345	-26
Grand Marais	64	39	50.4	-4.4	1.29	0.42	-0.75	4.33	175	-50
Hibbing	82	34	60.6	0	1.65	0.62	0.07	-0.5	407	47
WEST CENTRAL DISTRICT										
Alexandria	86	53	70	3.4	2.19	1.21	0.51	0.48	480	-47
Breckenridge	88	57	71.2	4.3	2.01	1.09	-.25m	.31m	419m	-130m
Browns Valley	86	51	69.4	2.1	2.78	1.85	2.44m	2.82m	481m	-69m
Canby	88	54	71.4	2.3	4.09	3.12	5.24	6.41m	512	-86
Montevideo	89	54	70.6	2.2	4.42	3.39	4.98	5.77	515	-68
Morris	90	55	72	4.6	7.66	6.68	5.94	5.03	492	-63
Wheaton	87	57	70.7	2.8	3.28	2.31	1.37	0.75	506	-59
CENTRAL DISTRICT										
Becker	88	50	71.7	4.3	2.51	1.43	0.7	-0.41	521	-50
Collegeville	86	49	69.9	1.2	3.95	2.81	2.35	4.73	500	-96
Hutchinson	90	52	72.8	3.8	3.69	2.56	2.4	5	527	-68
Melrose	86	50	70.1	3.5	4.77	3.77	3	4.45	478	-52
Olivia	86	53	69.9	1.3	5.01	3.89	4.83	4.71	493	-97
St. Cloud	90	49	69.8	3	3.42	2.41	1.95	4.6	477	-57
Wadena	85	47	68.4	4	3.01	1.94	.25m	1.50m	445m	-21m
Willmar	88	53	70.3	1.5	4.02	2.8	2.06m	1.46m	489	-108
EAST CENTRAL DISTRICT										
Aitkin	84	36	64.4	0.3	2.3	1.21	-.05m	2.74m	329m	-121m
Forest Lake	87	49	69.7	1	2.55	1.48	0.75	2.82	521	-64
MSP Airport	91	57	73.6	3.5	3.3	2.28	2.36	6.88	605	-22
Mora	84	41	65.8	-0.1	4.23	3.21	3.3	3.24m	450	-57
St. Paul - UofM	fM 89	54	71.1	2.4	3.65	2.58	3.93	8.78	513	-72
SOUTH WEST DISTRICT										
Lamberton	89	57	72.5	3	2.56	1.56	1.18	2.72	564	-50
Marshall	90	55	73.3	4	3.48	2.57	2.23	2.43m	555	-53
Pipestone	86	47	71.2	3.3	3.79	2.78	3.46	2.11m	529	-40
Redwood Falls	90	58	72.8	3.1	3.34	2.3	1.18	0.5	569	-56
Sioux Falls	88	56	73.2	4.1	1.07	0.14	1.42	4.48	577	-17
SOUTH CENTRAL DISTRICT										
Worthington	89	56	73	4.2	2.5	1.32	2.21m	3.67m	542m	-46m
North Mankato	88	62	73.9	4.7	1.99	0.75	.39m	1.59m	562m	-46m
Owatonna	90	57	72.9	3.6	1.77	0.68	-0.06	5.84	542	-57
Waseca	89	58	72.9	3.2	2.93	1.81	2.36	7.28	542	-83
Winnebago	89	58	73.3	3.7	4.97	3.87	4.93	8.23	571	-49
Cannon Falls	88	54	69.4	0.9	2.55	1.51	.76m	7.53m	490m	-81m
SOUTH EAST DISTRICT										
La Crosse	90	56	73.1	2.6	2.85	1.8	4.06	8.93	627	-16
Preston	86	51	70.5	2.6	5.46	4.21	5.68	13.57m	542	-15
Red Wing	88	60	72.2	3.4	1.33	0.35	-0.55	4.17	563	-32
Rochester	89	57	72.3	3.5	3.65	2.52	3.93	13.44	550	-43
Rosemount	89	56	70.6	2	1.83	0.71	0.59	3.79m	509	-73
Winona Dam	85	58	72.2	3.4	4.2	3.21	5.35	12.6	550	-29

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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