



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, AND USDA-NRCS

POTATO HARVEST UNDERWAY

Minnesota's potato harvest is underway with 7 percent of the crop harvested as of Sunday, August 17th, according to USDA, NASS, Minnesota Field Office. Small grain harvest continued advancing behind the average pace while corn began to enter the dent stage of development during the past week.

The average temperature for the week was 67.8°, 0.7° below normal. Statewide topsoil moisture supplies as of Friday, August 15th were 13 percent very short, 28 short, 58 adequate, and 1 surplus. Statewide, on average, there were 5.6 days suitable for fieldwork during the week.

As of Sunday, August 17th, 74 percent of corn was in the milk stage compared to 98 percent last year and 89 percent average. Twenty percent of corn was in dough stage compared to 69 percent last year and 48 percent average.

Soybeans were 89 percent setting pods compared to 95 percent last year and 93 percent average.

Spring wheat was 15 percent harvested compared to 74 percent last year and 57 percent average. Barley was 39 percent harvested compared to 94 percent last year and 74 percent average. Oats were 57 percent harvested compared to 95 percent last year and 82 percent average.

As of Friday, August 15th, 67 percent of corn and 68 percent of soybeans were rated in good or excellent condition.

Eighty-one percent of spring wheat, 77 percent of barley, and 69 percent of oats were rated in good or excellent condition.

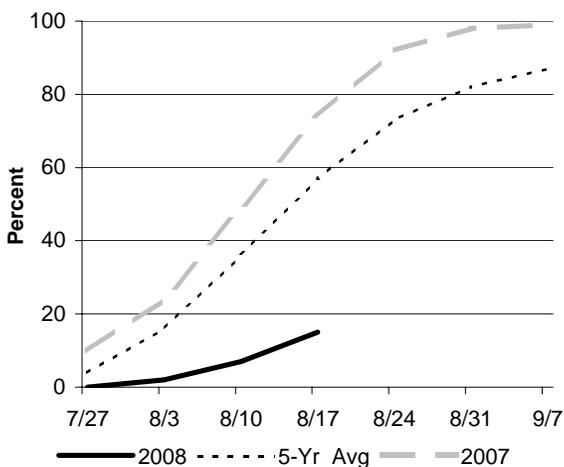
Sixty-nine percent of dry beans, 78 percent of sunflowers, 75 percent of canola, and 41 percent of pasture were rated in good or excellent condition.

Days Suitable for Fieldwork: 5.6				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	13	28	58	1

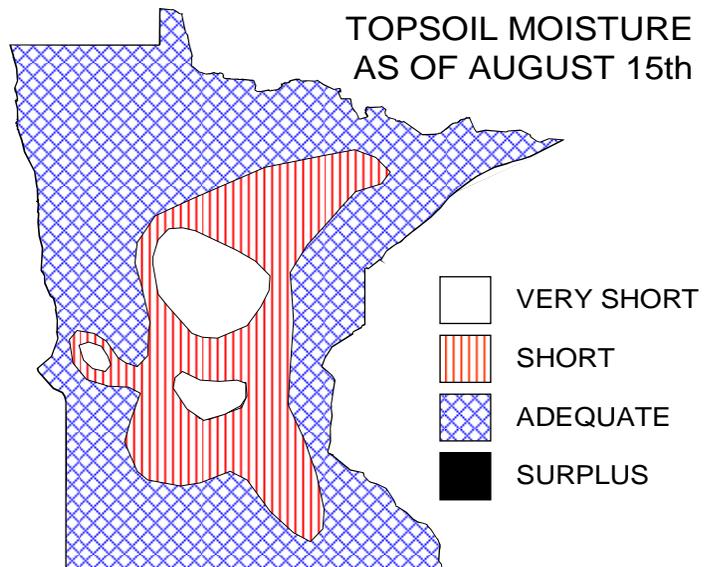
Crop Progress as of August 17, 2008					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Milk	74	35	98	89
	Dough	20	4	69	48
	Dent	4	N/A	32	14
Corn Silage	Harvested	1	N/A	11	2
Soybeans	Setting Pods	89	62	95	93
Spring Wheat	Ripening	83	79	100	97
	Harvested	15	7	74	57
Barley	Ripening	90	85	100	99
	Harvested	39	19	94	74
Oats	Ripening	98	94	100	98
	Harvested	57	35	95	82
Potatoes	Harvested	7	3	21	17
Sweet Corn	Harvested	22	8	46	37
Canola	Harvested	1	0	26	29

Crop Condition as of August 15, 2008					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Corn	5	6	22	51	16
Soybeans	5	5	22	50	18
Spring Wheat	1	3	15	55	26
Barley	1	3	19	52	25
Oats	1	5	25	53	16
Potatoes	1	1	7	51	40
Sugarbeets	1	3	26	51	19
Dry Beans	3	5	23	51	18
Sunflowers	1	3	18	54	24
Canola	0	5	20	46	29
Pasture	10	13	36	37	4

SPRING WHEAT HARVESTING
JULY 27 - AUG 31



TOPSOIL MOISTURE
AS OF AUGUST 15th



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING August 17, 2008:
 Temperatures averaged from 2.3 degrees below normal in the Southeast District to 0.1 degree above normal in the North Central District.
 Extremes: 37 degrees in Hibbing, 91 degrees in Grand Rapids.
 Precipitation averaged from 0.86 inch below normal in the South Central District to 1.71 inches above normal in the Northwest District. Greatest weekly total was 3.89 inches recorded in Moorhead.

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 8/11/2008 through 8/17/2008

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Since 4/1	Since May 14	Depart from Norm
<u>NW DIST 1</u>										
Crookston	86	53	68.9	-.1	2.00	1.32	.70	-1.87	1405	-212
Moorhead	90	56	71.5	1.5	3.89	3.32	2.31	4.41	1593	-96
Warroad	81	54	65.1	-1.4	1.15	.49	.12	1.67	1236	-190
<u>NC DIST 2</u>										
Grand Rapids	91	44	67.4	1.2	.23	-.61	-1.66	.13	1384	-57
Intl. Falls	87	42	63.8	-.9	.47	-.23	-2.02	1.72	1121	-219
Itasca	85	46	65.2	-.1	.57	-.28	-2.36	1.77	1252	-87
<u>NE DIST 3</u>										
Duluth	85	49	65.4	1.0	.46	-.48	-1.82	1.42	1179	-63
Grand Marais	89	51	64.3	1.0	0	-.69	-2.41	5.56	837	-63
Hibbing	87	37	62.6	-1.9	.28	-.50	-2.39	-.32	1139	-160
<u>WC DIST 4</u>										
Alexandria	87	56	69.8	1.2	1.11	.28	-1.60	-.75	1557	-63
Browns Valley	85	58	70.8	-.0	.07	-.58	.12	2.76	1635	-148
Canby	86	57	71.3	-.5	.76	.13	-.26	-.47	1773	-93
Fergus Falls	85	58	70.5	1.3	1.06	.33	-1.49	.48	1520	-118
Montevideo	85	53	69.2	-1.3	.85	.12	-1.66	-2.35	1675	-104
Morris	84	55	69.0	-.8	1.27	.50	-.34	-1.64	1580	-153
<u>CENT DIST 5</u>										
Becker	86	51	68.8	.8	.37	-.61	-2.71	-1.96	1677	72
Collegeville	M	M	M	M	M	M	-1.05m	1.16m	1586m	-218m
Hutchinson	84	55	68.4	-1.6	.59	-.36	-1.32	-2.42	1718	-83
Olivia	85	53	67.2	-2.0	.37	-.41	-.75	-.57	1611	-146
St. Cloud	88	50	68.5	.5	.40	-.52	-.29	.04	1587	-18
Staples	87	49	66.5	.2	.36	-.36	-2.49	-1.44	1349	-99
Willmar	83	56	69.0	-.5	.98	.10	-1.12	-3.36	1693	-56
<u>EC DIST 6</u>										
Aitkin	85	48	66.0	.6	.22	-.69	-2.44	-.74	1386	10
Forest Lake	88	52	67.6	-1.7	.77	-.29	-1.73	.04	1646	-62
MSP Airport	87	58	72.0	.6	.97	.02	-2.44	-4.72	1938	77
St. Paul - UofM	87	56	71.0	-.8	.73	-.28	-2.59	-5.29	1876	-29
<u>SW DIST 7</u>										
Lamberton	83	50	68.6	-1.4	.41	-.37	-.55	-1.81	1758	-66
Pipestone	84	52	68.1	-2.0	1.04	.34	.34	.45	1609	-141
Redwood Falls	86	53	69.8	-1.9	.25	-.59	-1.03	-1.96	1776	-142
Worthington	82	53	68.3	-.6	.65	-.16	-.85	2.41	1737	23
<u>SC DIST 8</u>										
Faribault	83	55	68.5	-1.0	.44	-.59	-1.19	.03	1682	-59
Mankato	82	56	68.2	-2.4	.07	-.97	-1.89	-2.65	1706	-105
Waseca	82	52	66.8	-2.8	.15	-.93	-2.60	.46	1678	-90
Winnebago	84	55	69.0	-1.2	.03	-.96	-2.61	-1.46	1812	-13
<u>SE DIST 9</u>										
Preston	84	44	66.8	-2.1	1.94	.86	-1.38	8.03	1651	-19
Red Wing	84	53	67.8	-2.8	.77	-.12	-2.09	-.92	1731	-65
Rochester	82	50	68.0	-.5	.58	-.42	-2.62	1.23	1725	75
Rosemount	84	51	68.0	-1.3	1.11	.04	-2.78	-2.40	1680	-38
Winona	81	54	68.1	-4.4	.04	-.90	-3.13	4.32	1674	-307

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.

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