



# 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

## GOOD WEATHER AIDS SMALL GRAIN HARVEST

Small grain harvest caught up to the five-year average progress during the past week, according to USDA, NASS, Minnesota Field Office. As of August 31<sup>st</sup>, spring wheat and barley harvests were 2 percentage points ahead of the average progress for that date and oat harvest was 3 percentage points behind. Meanwhile, potato, sweet corn, and canola harvests progressed at a steady rate last week, but remained behind the average.

The average temperature for the week was 65.3°, 0.4° above normal. Statewide topsoil moisture supplies as of Friday, August 29<sup>th</sup> were 14 percent very short, 36 short, 50 adequate, and zero surplus. Statewide, on average, there were 6.0 days suitable for fieldwork during the week.

As of Sunday, August 31<sup>st</sup>, 73 percent of corn was in the dough stage compared to 98 percent last year and 86 percent average. Twenty-Four percent of corn was in the dent stage compared to 84 percent last year and 59 percent average. Soybeans were 15 percent turning yellow compared to 43 percent last year and 32 percent average.

Spring wheat was 84 percent harvested compared to 98 percent last year and 82 percent average. Barley was 92 percent harvested compared to 100 percent last year and 90 percent average. Oats were 93 percent harvested compared to 100 percent last year and 96 percent average.

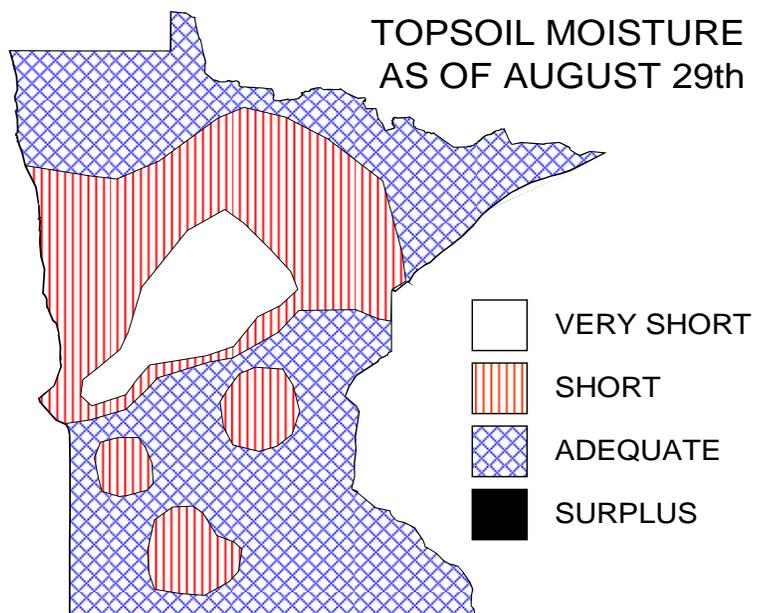
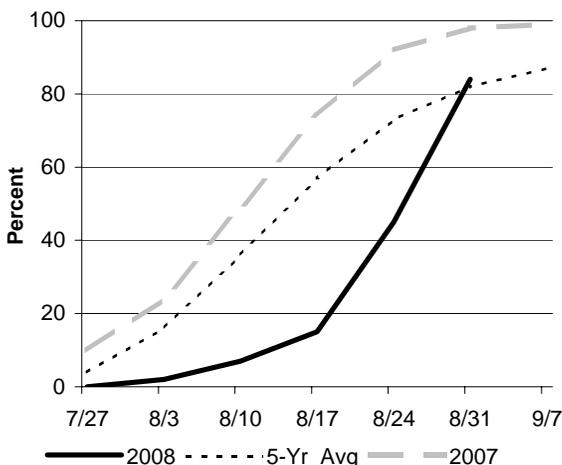
As of Friday, August 29<sup>th</sup>, 64 percent of corn and 65 percent of soybeans were rated in good or excellent condition. Seventy-one percent of dry beans, 79 percent of sunflowers, 80 percent of canola, 73 percent of sugarbeets, and 29 percent of pasture were rated in good or excellent condition.

Days Suitable for Fieldwork: 6.0				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	14	36	50	0

Crop Progress as of August 31, 2008					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Milk	98	92	100	98
	Dough	73	44	98	86
	Dent	24	8	84	59
Corn Silage	Harvested	11	7	31	17
Soybeans	Turning Yellow	15	3	43	32
Spring Wheat	Harvested	84	45	98	82
Barley	Harvested	92	75	100	90
Oats	Harvested	93	82	100	96
Potatoes	Harvested	26	19	34	32
Sweet Corn	Harvested	54	34	70	64
Canola	Harvested	38	16	75	68
Dry Beans	Harvested	4	NA	9	4

Crop Condition as of August 29, 2008					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Corn	4	8	24	52	12
Soybeans	3	6	26	51	14
Potatoes	0	1	5	59	35
Sugarbeets	1	3	23	49	24
Dry Beans	3	1	25	44	27
Sunflowers	1	2	18	49	30
Canola	0	0	20	55	25
Pasture	11	23	37	28	1

**SPRING WHEAT HARVESTING  
JULY 27 - AUG 31**



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING August 31, 2008:  
 Temperatures averaged from 1.2 degrees below normal in the Southeast District to 1.7 degrees above normal in the North Central District. Extremes: 32 degrees in Hibbing, 91 degrees in Browns Valley. Precipitation averaged from 0.41 inch below normal in the Southwest District to 0.71 inch above normal in the Northeast District. Greatest weekly total was 2.62 inches recorded in Hutchinson.

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 8/25/2008 through 8/31/2008

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Since Norm 4/1	Since May 14	Depart from Norm
<u>NW DIST 1</u>										
Crookston	88	46	63.8	-1.0	.25	-.37	.93	-1.62	1650	-200
Moorhead	90	49	68.0	2.3	.19	-.36	2.15	3.49	1855	-78
Warroad	82	43	63.2	1.1	.28	-.36	-.61	1.24	1457	-172
<u>NC DIST 2</u>										
Grand Rapids	87	39	64.6	2.8	.21	-.56	-2.73	-1.13	1623	0
Intl. Falls	86	33	60.2	-.3	.26	-.47	-1.99	.61	1320	-204
Itasca	87	41	63.5	2.5	.66	-.14	-2.06	.83	1495	-34
<u>NE DIST 3</u>										
Duluth	84	41	62.7	1.8	1.99	.99	-1.07	1.54	1386	-40
Grand Marais	75	46	59.0	-1.9	2.26	1.52	-.48	6.37	1003	-78
Hibbing	84	32	58.2	-2.3	.35	-.40	-2.10	-1.22	1343	-137
<u>WC DIST 4</u>										
Alexandria	85	51	67.4	2.7	.57	-.21	-1.36	-1.78	1819	-31
Browns Valley	91	47	66.5	-.4	.07	-.48	-2.34	1.68	1899	-139
Canby	89	51	68.5	.4	.05	-.55	-1.65	-1.64	2056	-79
Fergus Falls	86	52	67.0	1.8	.31	-.34	-1.12	-.56	1794	-81
Montevideo	88	47	68.4	1.5	.15	-.51	-1.83	-3.56	1945	-88
Morris	85	48	65.2	-.8	.31	-.33	-1.35	-2.68	1829	-149
<u>CENT DIST 5</u>										
Becker	85	48	65.8	1.7	.99	.07	-2.44	-2.85	1948	121
Collegeville	85	50	67.8	.5	1.26	.40	-1.77	1.02	2009	-55
Hutchinson	85	48	66.1	-.4	2.62	1.81	.72	-1.52	1985	-64
Olivia	85	47	65.1	-.5	2.00	1.25	-.47	-.09	1864	-133
St. Cloud	85	44	65.8	1.7	1.42	.55	-1.76	-.33	1849	22
Staples	82	43	63.0	.4	.20	-.47	-2.20	-2.61	1591	-62
Willmar	85	49	66.4	.4	1.50	.68	-.78	-3.55	1956	-36
<u>EC DIST 6</u>										
Aitkin	85	40	65.6	3.9	.33	-.48	-2.60	-2.05	1627	58
Forest Lake	87	47	66.0	.3	.80	-.17	-1.77	-1.10	1918	-29
MSP Airport	86	55	69.8	2.2	2.16	1.32	-.31	-4.16	2242	117
St. Paul - UofM	85	50	68.4	.0	1.22	.29	-1.62	-5.99	2170	-6
<u>SW DIST 7</u>										
Lamberton	88	46	67.0	.5	.18	-.54	-2.46	-3.11	2023	-51
Pipestone	85	46	66.8	.5	0	-.69	-1.01	-.94	1865	-134
Redwood Falls	89	48	68.8	.6	1.19	.44	-1.18	-2.32	2054	-133
Worthington	84	47	66.4	1.0	.17	-.58	-2.03	1.04	1993	43
<u>SC DIST 8</u>										
Faribault	85	48	65.8	-.3	1.14	.19	-1.93	-.78	1947	-38
Mankato	86	47	65.7	-1.3	.94	-.01	-2.64	-3.67	1970	-96
Waseca	85	45	65.0	-1.3	.78	-.19	-2.85	-.77	1940	-74
Winnebago	85	47	66.8	-.4	.69	-.17	-2.80	-2.57	2082	1
<u>SE DIST 9</u>										
Preston	84	44	64.2	-1.4	.62	-.40	-1.31	6.79	1909	2
Red Wing	86	48	65.2	-1.9	1.45	.56	-.66	-1.21	1997	-55
Rochester	83	49	66.3	1.1	1.19	.29	-1.87	.71	1978	96
Rosemount	84	50	65.6	-.3	1.43	.44	-1.31	-2.79	1944	-16
Winona	85	49	65.4	-3.7	.59	-.33	-2.34	3.20	1924	-338

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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