



Minnesota Ag News – Crop Weather

USDA, NASS, Minnesota Field Office
P.O. Box 7068 – St. Paul, MN 55107
(651) 201-6030 · (651) 201-6479 FAX

Email: nass-mn@nass.usda.gov - Homepage: <http://www.nass.usda.gov>

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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

SMALL GRAIN HARVEST NEARLY COMPLETE

The small grain harvest neared completion despite scattered precipitation during the week, according to the USDA, NASS, Minnesota Field Office. For the week ending August 12, the spring wheat harvest was 92 percent complete, compared to 17 percent last year and 30 percent for the five-year average. Oats harvested were 95 percent complete, compared to 43 percent last year and 58 percent average. Other harvest progress included sweet corn at 49 percent complete, canola at 23 percent complete, potatoes at 11 percent complete, and corn harvested for silage at 8 percent complete.

Cooler, dry conditions prevailed during the week. Statewide, average temperatures were 3° cooler than normal. Topsoil moisture supplies were relatively unchanged from the previous week and were rated 15 percent very short, 35 percent short, 49 percent adequate, and 1 percent surplus. Statewide, 5.9 days were rated suitable for fieldwork.

Corn was 95 percent at the milk stage or beyond, compared to 65 percent for the five year average. Corn was 74 percent at the dough stage or beyond, compared to 26 percent average. Twenty-three percent of corn was at the dent stage, compared to 5 percent average. Soybeans were 94 percent setting pods, compared to 74 percent average, and 2 percent turning yellow, compared to 1 percent average. The corn crop was rated 77 percent in fair to good condition, while soybeans were rated 80 percent in fair to good condition. Both corn and soybean condition ratings held relatively steady from the previous week.

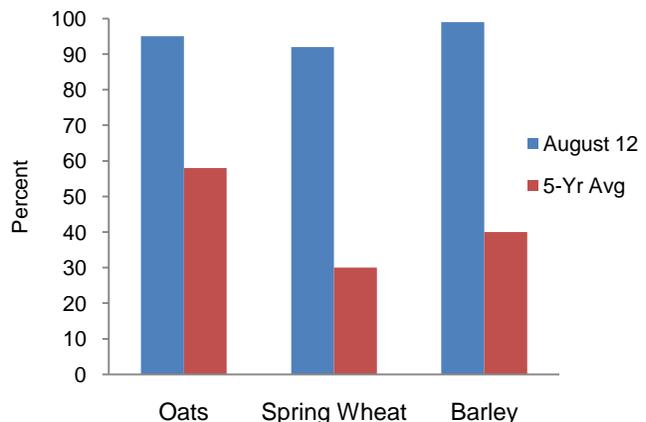
Range and pasture condition was rated 17 percent very poor, 20 percent poor, 29 percent fair, 31 percent good, and 3 percent excellent, relatively unchanged from the previous week.

Days Suitable for Fieldwork: 5.9				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	15	35	49	1

Crop Progress as of August 12, 2012					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Oats	Harvested	95	87	43	58
Spring Wheat	Harvested	92	80	17	30
Barley	Harvested	99	95	17	40
Corn	Milk	95	84	64	65
Corn	Dough	74	40	22	26
Corn	Dent	23	5	1	5
Corn Silage	Harvested	8	2	0	1
Soybeans	Setting Pods	94	83	64	74
Soybeans	Turning Yellow	2	0	0	1
Sweet Corn	Harvested	49	30	23	23
Potatoes	Harvested	11	7	8	10
Canola	Harvested	23	5	5	5
Dry Beans	Setting Pods	99	91	66	NA
Dry Beans	Fully Podded	75	53	18	NA
Dry Beans	Leaves Yellowing	23	5	0	NA

Condition as of August 12, 2012					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Pasture	17	20	29	31	3
Sugarbeets	1	3	21	62	13
Sunflowers	0	2	19	64	15
Corn	5	10	32	45	8
Soybeans	3	9	29	51	8
Potatoes	0	1	13	55	31
Canola	0	1	29	43	27
Dry Beans	2	5	28	55	10

Small Grain Harvest:
August 12 vs. 5-Yr Avg.



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 August 12, 2012:
 Temperatures averaged from 4.1 degrees below normal in the Southeast District to 1.7 degrees below normal in the Northwest District. Extremes: 38 degrees in International Falls; 92 degrees in Canby. Average precipitation ranged from 0.75 inch below normal in the East Central District to 0.14 inch above normal in the West Central District. Greatest weekly total of 1.86 inches was recorded in Grand Marais.

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 8/6/2012 through 8/12/2012

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Four Weeks	From Norm Since 4/1	Since Apr 30	Depart from Norm	
<u>NW DIST 1</u>										
Crookston	88	53	67.8	-1.3	.34	-.42	.33	-2.79	1869	304
Itasca	M	M	M	M	M	M	.89m	.14m	1334m	-19m
Moorhead	91	50	68.6	-2.3	.88	.31	1.15	-1.42	2013	305
Warroad	81	47	64.0	-2.7	.15	-.57	.91	.56	1488	114
<u>NC DIST 2</u>										
Grand Rapids	87	48	65.6	-2.2	.34	-.44	1.54	10.90	1661	196
Intl. Falls	82	38	61.0	-3.9	.18	-.45	-.15	.16	1489	225
<u>NE DIST 3</u>										
Duluth	85	48	64.2	-1.5	.26	-.54	-.03	9.31	1590	343
Grand Marais	76	51	61.9	-2.2	1.86	1.26	3.26	4.64	1135	218
Hibbing	85	41	61.6	-2.3	.13	-.60	-.24	5.67	1448	287
<u>WC DIST 4</u>										
Alexandria	85	53	66.9	-3.1	.34	-.47	.92	3.26	1901	254
Breckenridge	90	50	66.6	-3.6	.87	.19	.59	.31	1899	213
Browns Valley	88	46	66.0	-4.6	.75	.07	.55	-1.32	1892	189
Canby	92	51	69.0	-2.8	.31	-.30	-1.26	-1.11	2072	253
Montevideo	90	48	67.2	-3.6	.83	.08	-1.22	2.37	2025	266
Morris	87	50	66.2	-3.4	1.58	.81	1.00	-1.18	1912	234
Wheaton	87	52	66.3	-4.7	1.25	.64	2.66	2.05	1923	186
<u>CENT DIST 5</u>										
Becker	85	52	66.9	-3.3	.02	-.87	.25	5.33	2011	276
Collegeville	84	52	67.2	-4.4	.10	-.77	-.32	3.76	2031	213
Hutchinson	87	49	67.8	-2.8	.20	-.80	-1.05	5.63	2065	272
Melrose	86	47	65.4	-3.4	.33	-.52	1.82	3.89	1904	285
Olivia	87	49	66.2	-3.9	.45	-.32	-.38	.33	2018	263
St. Cloud	86	45	65.5	-3.8	.03	-.80	.31	3.55	1965	321
Wadena	84	48	64.1	-3.1	.48	-.24	1.70	7.32	1681	237
Willmar	87	48	66.4	-4.4	.34	-.58	-.86	.51	1970	175
<u>EC DIST 6</u>										
Aitkin	87	46	64.4	-2.3	.32	-.40	-.17	14.75	1745	328
Forest Lake	88	51	67.6	-3.6	.06	-.83	.29	6.58	2010	237
MSP Airport	88	54	70.2	-2.5	.11	-.89	.05	5.38	2226	325
Mora	85	46	65.0	-3.6	.12	-.73	-1.33	6.63	1821	257
St. Paul - UofM	86	50	69.3	-1.9	0	-.89	.19	3.02	2089	316
<u>SW DIST 7</u>										
Lamberton	87	47	66.8	-3.7	0	-.82	-.56	1.56	2089	282
Marshall	90	52	69.4	-2.2	.28	-.49	.20	.66	2174	344
Pipestone	89	49	67.3	-3.4	.32	-.37	-1.24	4.31	1979	245
Redwood Falls	89	50	68.0	-3.5	1.33	.49	.20	3.14	2148	289
Worthington	88	45	67.0	-3.2	.12	-.72	-.71	-1.14	2055	296
<u>SC DIST 8</u>										
North Mankato	88	51	68.2	-3.2	.41	-.55	-1.70	-4.22	2077	256
Owatonna	86	48	68.4	-2.6	.91	-.18	-.68	3.90	2110	317
Waseca	89	45	68.1	-3.0	.05	-1.04	-1.28	-2.45	2067	234
Winnebago	89	52	68.8	-2.5	.17	-.82	-1.70	-.34	2148	306
<u>SE DIST 9</u>										
Cannon Falls	89	46	65.8	-4.3	.40	-.69	-.01m	12.48m	1415m	-309m
Preston	87	45	65.8	-4.5	1.15	.06	1.72	-3.40	2023	320
Red Wing	85	51	68.2	-3.3	.10	-.86	-.18	8.91	2120	306
Rochester	86	49	66.8	-3.6	.38	-.66	.00	-2.07	2096	326
Rosemount	86	50	67.4	-3.3	.07	-1.02	-.15m	3.48m	2055	296
Winona Dam	87	50	67.0	-4.5	.66	-.35	-.75	-3.37	2088	317

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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