



Minnesota Crop Progress & Condition

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Cooperating with the Minnesota Department of Agriculture

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For the week ending September 21, 2014
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With 5.4 **days suitable for field work**, small grains harvest advanced to near completion, according to USDA's National Agricultural Statistics Service for the week ending September 21, 2014. Varying degrees of frost damage were reported by respondents throughout much of Minnesota, but crop conditions remained largely unchanged. Field activities for the week included hauling manure to fields where wheat and oats were combined.

Topsoil moisture supplies were rated 0 percent very short, 8 percent short, 86 percent adequate, and 6 percent surplus. **Subsoil moisture** supplies were rated 0 percent very short, 10 percent short, 86 percent adequate, and 4 percent surplus.

Ninety-one percent of the **corn** crop was at or beyond the dent stage. With 19 percent of the corn crop mature, crop conditions remained unchanged and stand at 71 percent good to excellent. Eighty-one percent of the **soybean** crop was turning color or beyond, 4 days behind average. Thirty-eight percent of the crop was dropping leaves, with 65 percent in good to excellent condition. **Spring wheat** harvest, at 91 percent complete, remains 10 days behind average. This is the slowest harvest pace since 2009. Forty-three percent of the **potato** crop has been harvested, 4 days behind the average. Potato conditions remained unchanged with 84 percent good to excellent. Ninety-six percent of the **dry edible bean** crop is fully podded, with 86 percent of the crop at or beyond the coloring stage. Dry edible bean harvest, at 18 percent, is 11 days behind average. Dry edible bean conditions remained unchanged at 53 percent in good to excellent condition. Seven percent of the **sugarbeets** are now harvested, with 72 percent of the crop in good to excellent condition.

The **third cutting of alfalfa hay** was 89 percent complete, slightly behind last year. **Pasture** conditions decreased slightly to 70 percent good to excellent.

Soil Moisture Conditions as of September 21, 2014

	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil Moisture ...	0	8	86	6
Subsoil Moisture ...	0	10	86	4

Crop Conditions as of September 21, 2014

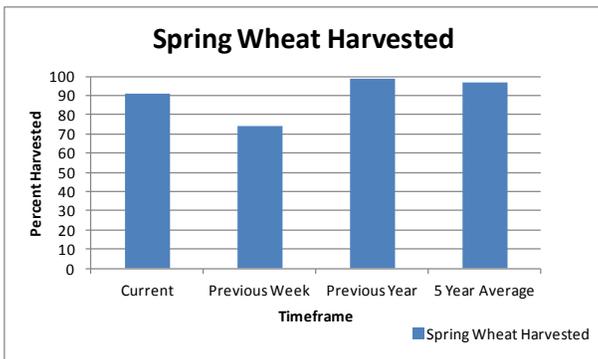
	Very Poor	Poor	Fair	Good	Exc.
	Percent	Percent	Percent	Percent	Percent
Corn	2	5	22	57	14
Pasture	2	6	22	56	14
Soybeans	2	6	27	54	11
Potatoes, all.....	0	2	14	50	34
Sugarbeets	3	9	16	51	21
Dry Ed. Beans ..	3	11	33	44	9
Sunflowers.....	1	8	53	32	6

Crop Progress as of September 21, 2014

	This Week	Last Week	Last Year	5 Yr Avg
	Days Suitable for Fieldwork	5.4	4.5	5.3

	Percent	Percent	Percent	Percent
Barley harvested.....	96	93	100	98
Spring Wheat harvested	91	74	99	97
Corn, in/past dent stage.....	91	81	89	92
Corn, mature.....	19	9	15	41
Soybeans turning color	81	55	76	88
Soybeans dropping leaves...	38	12	42	64
Dry Ed. Beans fully podded ..	96	91	100	(NA)
Dry Ed. Beans coloring	86	67	91	(NA)
Dry Ed. Beans drop leaves ..	62	37	81	(NA)
Dry Ed. Beans harvested	18	(NA)	24	46
Sugarbeets harvested	7	4	5	9
Alfalfa Hay, third cutting	89	82	91	(NA)
Potatoes, harvested.....	43	31	56	51

(NA): Not Available



The following links provide 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 Temperature Summary for 9/15/2014 through 9/21/2014

	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	78	36	56.9	0.7	0.42	-0.12	-0.04	-0.11	2069	57
Itasca	m	m	m	m	m	m	m	-1.00m	784m	-964m
Moorhead	80	40	59.6	1.5	0.07	-0.53	0.06	1.95	2249	54
Pembina, ND	79	36	54.2	0.0	1.26	0.77	0.77	3.00m	1574m	-244m
Warroad	m	m	m	m	m	m	m	-6.72m	468m	-1310m
NORTH CENTRAL DISTRICT										
Grand Rapids	71	37	54.4	-1.1	0.45	-0.33	-0.63	2.36	1842	-45
Intl. Falls	64	31	50.7	-2.0	1.38	0.66	0.19	7.07	1617	-1
NORTH EAST DISTRICT										
Duluth	70	40	55.2	0.4	0.63	-0.35	-1.95	1.11	1700	52
Grand Marais	71	42	52.0	-3.1	1.24	0.53	-0.12	2.65m	1004m	-331m
Hibbing	70	30	53.0	0.8	0.85	0.12	0.67	4.81	1755	253
WEST CENTRAL DISTRICT										
Alexandria	73	42	58.2	0.3	0.39	-0.27	-0.22	6.62	2122m	0m
Breckenridge	78	36	58.8	1.0	0.31	-0.44	-2.33m	1.24m	1906m	-249m
Browns Valley	80	37	59.0	0.7	0.35	-0.27	-1.89m	-3.14m	1204m	-982m
Canby	m	m	m	m	m	m	-2.07m	4.71m	1963m	-382m
Montevideo	80	36	58.7	-0.5	0.35	-0.42	-0.23	4.41	2229	-25
Morris	77	35	57.2	-1.0	0.50	-0.17	-1.01	4.49	2088	-58
Wheaton	78	40	58.4	0.0	0.52	-0.22	-2.14	2.81	2122	-106
CENTRAL DISTRICT										
Becker	76	41	59.4	0.2	0.23	-0.71	0.50	9.57	2315	109
Collegeville	73	43	58.7	-1.7	0.32	-0.49	0.17	4.02	2266	-66
Hutchinson	78	39	60.6	0.9	0.67	-0.03	4.35	5.60m	2388	100
Melrose	74	40	55.5	-1.9	0.19	-0.55	-1.33	7.59	2063	-1
Olivia	79	36	58.0	-0.7	0.10	-0.66	0.26	5.82	2110	-120
St. Cloud	78	38	59.9	2.1	0.18	-0.62	3.36	10.27	2353	251
Wadena	m	m	m	m	m	m	-2.1m	6.26m	1499m	-361m
Willmar	76	38	58.0	-1.5	0.88	0.12	1.79	8.35	2132	-155
EAST CENTRAL DISTRICT										
Aitkin	76	38	54.3	-1.2	0.23	-0.56	1.43	6.82	2018	199
Forest Lake	77	43	59.8	0.3	0.24	-0.59	2.27	10.23	2282	0
MSP Airport	81	43	61.8	0.6	0.30	-0.39	-0.90	7.28	2517	73
Mora	74	38	55.1	-1.7	0.22	-0.60	3.55	13.64	2004	-3
St. Paul - UofM	76	42	58.5	-1.0	0.31	-0.52	0.42	5.83	2428	146
SOUTH WEST DISTRICT										
Lamberton	m	m	m	m	m	m	2.93m	2.64m	2137m	-163m
Marshall	83	44	61.9	1.8	0.27	-0.45	-1.62m	.21m	2380m	31m
Pipestone	84	38	60.4	1.3	0.42	-0.35	-0.89	0.86	2208	-20
Redwood Falls	84	41	62.0	1.6	0.30	-0.39	-0.77	2.11	2432	61
Sioux Falls	89	39	62.8	2.3	0.32	-0.32	0.18	6.20	2360	-2
Worthington	85	38	59.8	0.3	0.41	-0.34	-2.25	-3.25m	2080m	-169m
SOUTH CENTRAL DISTRICT										
North Mankato	79	37	57.1	-3.1	0.51	-0.22	-1.48	3.44m	2278	-52
Owatonna	81	40	59.2	-1.3	0.75	-0.10	1.32	3.88	2300	-13
Waseca	83	36	60.1	-0.4	1.25	0.42	-0.07	4.06	2269	-77
Winnebago	85	39	60.9	0.3	0.86	0.11	-1.55	0.09	2359	4
SOUTH EAST DISTRICT										
Cannon Falls	m	m	m	m	m	m	m	-7.59m	905m	-1312m
La Crosse	80	44	60.8	-1.2	1.05	0.23	1.20	5.99	2600	118
Preston	77	34	57.8	-1.9	1.04	0.19	2.51	3.00m	2185m	-20m
Red Wing	80	40	60.3	-0.6	1.15	0.30	1.76	7.89	2471	133
Rochester	76	38	58.4	-1.8	0.79	0.01	2.28	1.78	2243	-27
Rosemount	82	39	60.5	0.5	0.39	-0.43	-0.53	6.51	2300	34
Winona Dam	77	42	60.2	-0.6	0.59	-0.24	1.70	2.22	2398	88

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. URL://climate.umn.edu