



National Agricultural Statistics Service
Michigan Statistical Office
Michigan Department of Agriculture

Michigan Crop-Weather



MI-CW3104

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Below Normal Temperatures

Six days were suitable for fieldwork during the week ending August 1, according to the USDA-NASS-Michigan Statistical Office. Across much of the State, dry conditions prevailed. Scattered showers were reported in southern districts, but total rainfall amounts were highly variable. Several areas reported being short on moisture. Precipitation amounts ranged from 0.03 inches in the west central Lower Peninsula to 1.57 inches in the southeast Lower Peninsula. Except for northern parts of the State, temperatures were cooler than normal. Temperatures ranged from 5 degrees below normal in the south central Lower Peninsula to 2 degrees above normal in the eastern Upper Peninsula. A reporter in the southwest commented, "A little bit of sun helped the corn, but we could still use more heat units." Farmers in the west central were hoping for rain. One grower reported, "It was a dry week here with very limited rainfall. We could use a good all day soak."

Field Crops

Sunshine prevailed across most districts; however, temperatures were predominantly below normal. Rainfall was adequate for southern districts, while the northwest and Upper Peninsula received small amounts of precipitation. Weather conditions were excellent for making hay. The second cutting neared two-thirds complete. In some areas, the crop had already become too mature. **Corn** matured nicely with the dry conditions. Fields were variable, with some plots tasseling. The **soybean** crop has advanced and fields varied between bloom and setting pods. **Wheat** harvest progressed, with many areas at or near completion. Diseases were prevalent in the crop. Reports of Cercospora leafspot were limited in **sugarbeets**. The crop continued to progress with the favorable conditions. Rapid growth was also reported in **dry beans**.

Fruit

In the southwest, growers were applying fungicides to **apples** in their cover sprays. Harvest continued on early varieties. In the southeast, apples continued to size well. Most Red Delicious were at 2.5 inches or larger, and other apple varieties were close to 3 inches. Apples grown in the northwest experienced apple maggot emergence at generally low levels. **Peach** harvest continued in the southwest last week. Size was excellent. Split pits, which were common in early varieties, were still being found. In the southeast, peaches continued to size well, with most being around 2.75 inches. In the west central, peaches showed varying degrees of bacterial leaf spot symptoms. The last of the southwest and southeast **tart cherry** crops have been harvested. Harvest continued in the northwest and approached completion in the west central. **Sweet cherry** harvest continued as well, with the crop showing benefits from sustained drier weather. **Grapes** had passed berry touch in the southeast. In the northwest, grapes showed variable set due to cool, damp weather during peak bloom. Summer **raspberry** harvest ended in the southwest. Harvest continued in the southeast. Fall raspberries had passed 30 inches in length in the southeast. **Plums** were coloring in the southwest and sizing well in the southeast. Second generation codling moths were observed on some southwest **pears**. In the southeast, pears continued to size nicely, with most around 2 inches in diameter.

Vegetables

Statewide, harvest continued for a wide variety of vegetable crops. Most crops made good progress over the week, even with below normal temperatures in the State's primary vegetable growing areas. Dry soils in several districts had growers irrigating. **Sweet corn** harvest was near full swing. Supply was barely keeping up with demand in the southeast. **Potato** harvest started in the southeast. Good quality and yields were reported. **Carrot** harvest was slated to begin this week in the west central. **Celery** was growing fast, and harvest was on schedule to slightly behind. Growers reported good quality. Late plantings were completed. **Cucumber** and **zucchini** harvest continued. **Tomato** harvest picked up. Cool temperatures had slowed ripening but limited fungal diseases. **Eggplant** harvest started, and the **pepper** harvest moved along. **Pumpkins** were in bloom in several southern districts. **Watermelons** continued to set and size fruit. Fall harvest **cabbage** transplants were being set.

Soil moisture for week ending 08/01/04

Stratum	Very short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	5	29	63	3
Subsoil	3	22	68	7

Crop condition for week ending 08/01/04

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
All Hay	1	9	32	44	14
Barley	1	9	41	41	8
Corn	5	13	30	33	19
Dry beans	5	10	33	40	12
Oats	6	9	38	37	10
Pasture	3	15	33	38	11
Soybeans	4	10	31	40	15

Crop progress for week ending 08/01/04

Crop	This week	Last week	Last year	5-year average
	Inches	Inches	Inches	Inches
Corn, height	59	53	66	67
	Percent	Percent	Percent	Percent
All hay, second cutting	64	42	73	67
All hay, third cutting	4	NA	3	0
Blueberries, harvested	62	33	29	NA
Corn, silked	67	47	48	69
Corn, dough	4	NA	0	1
Dry beans, blooming	37	26	37	52
Dry beans, setting pods	10	5	5	18
Oats, turning yellow	84	47	82	91
Oats, harvested	20	10	10	28
Peaches, harvested	24	7	NA	NA
Soybeans, blooming	60	45	69	77
Soybeans, setting pods	28	12	20	37
Tart cherries, harvested	87	57	75	NA
Winter wheat, harvested	89	58	79	94

Michigan Weather Summary for Week Ending 08/01/04 ¹

Station	Temperature			Cumulative growing degree days ²			Precipitation					
	Maximum	Minimum	Departure from normal	2004	2003	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal Since April 1	For month
Ironwood	82	46		1,072	1,183		0.90	0.91	1.87	14.97		
Marquette	84	48		977	1,151		0.47	0.47	2.30	14.08		
Stephenson	86	47		1,210	1,374		0.23	0.27	1.77	15.43		
Western UP	86	46	0	1,066	1,192	1,195	0.80	0.81	1.84	13.26	12.77	3.69
Cornell	85	50		1,078	1,283		0.49	0.51	1.76	11.88		
Sault St Marie	83	51		850	1,116		0.23	0.26	2.17	12.41		
Eastern UP	85	45	2	913	1,108	1,016	0.34	0.43	1.85	11.84	12.01	3.53
Beulah	83	46		1,261	1,309		0.13	0.23	0.73	15.84		
Lake City	84	41		1,261	1,261		0.00	0.17	0.99	14.53		
Old Mission	84	46		1,173	1,271		0.32	1.04	1.49	14.10		
Pellston	85	39		1,156	1,252		0.29	0.37	1.57	10.68		
Northwest	85	39	0	1,173	1,243	1,358	0.24	0.70	1.49	13.45	11.38	3.11
Alpena	84	42		1,191	1,222		0.08	1.03	3.17	12.47		
Houghton Lake	85	40		1,326	1,363		0.01	0.22	0.97	13.67		
Rogers City	85	43		1,173	1,262		0.07	0.77	2.39	13.03		
Northeast	86	40	-1	1,246	1,303	1,311	0.06	0.72	2.17	13.30	11.44	3.12
Fremont	82	52		1,488	1,518		0.00	0.09	0.93	14.43		
Hart	83	45		1,373	1,390		0.07	0.18	0.80	16.54		
Muskegon	83	52		1,497	1,523		0.02	0.22	0.65	17.39		
West Central	85	44	-2	1,423	1,444	1,490	0.03	0.11	0.69	17.51	11.40	3.60
Alma	84	48		1,590	1,520		0.05	0.38	1.27	16.87		
Big Rapids	86	47		1,488	1,416		0.00	0.05	1.51	15.79		
Central	86	47	-3	1,551	1,462	1,558	0.04	0.41	1.48	16.53	12.30	3.64
Bad Axe	83	50		1,419	1,294		0.24	0.24	2.12	14.94		
Pigeon	83	44		1,397	1,324		0.05	0.06	0.76	15.35		
Saginaw	84	50		1,572	1,471		0.19	0.27	1.00	14.12		
Standish	84	48		1,386	1,327		0.27	0.73	1.30	14.37		
East Central	84	44	-4	1,416	1,367	1,543	0.37	0.54	1.69	15.24	11.23	2.93
Fennville	86	51		1,537	1,480		0.15	0.58	0.96	12.84		
Grand Rapids	86	54		1,797	1,564		0.17	1.04	1.20	17.94		
Holland	86	52		1,611	1,514		0.12	1.08	1.36	12.13		
South Bend, IN	85	54		1,911	1,686		0.21	1.65	2.92	16.70		
Watervliet	86	53		1,700	1,530		0.54	1.47	3.61	17.60		
Southwest	88	46	-4	1,700	1,565	1,678	0.23	1.13	2.11	16.47	13.15	3.18
Belding	83	49		1,609	1,483		0.10	0.79	5.05	18.39		
Coldwater	82	52		1,655	1,526		0.73	1.58	7.55	18.61		
Lansing	82	52		1,684	1,552		0.39	1.34	3.18	17.77		
South Central	86	49	-5	1,690	1,567	1,664	0.52	1.58	4.73	18.15	12.95	3.36
Detroit	84	57		1,866	1,719		1.31	1.61	2.86	14.80		
Flint	82	53		1,732	1,621		1.20	1.55	3.35	14.96		
Romeo	84	54		1,690	1,496		1.35	1.80	6.17	19.36		
Tipton	83	55		1,677	1,542		1.33	1.81	3.79	15.69		
Toledo, OH	83	57		1,950	1,718		1.29	1.86	2.48	12.25		
Southeast	85	53	-4	1,725	1,622	1,642	1.57	2.06	4.20	16.74	12.60	3.12

¹ Issued by the Federal/State Michigan Agricultural Statistics Service in cooperation with the U.S. Department of Commerce, Michigan State University's Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

² Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.



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