



National Agricultural Statistics Service  
Michigan Statistical Office  
Michigan Department of Agriculture

# Michigan Crop-Weather



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## Below Normal Temperatures

Five days were suitable for fieldwork during the week ending June 27, according to the USDA-NASS-Michigan Statistical Office. Cool temperatures across the State slowed crop progress. Limited rainfall in several districts allowed farmers to make some fieldwork progress. However, growers in other areas reported being shut down by scattered showers for much of the week. Precipitation amounts ranged from 0.25 inches in the northwest Lower Peninsula to 1.39 inches in the southwest Lower Peninsula. Cool temperatures were the general rule across the entire State. Averages ranged from 8 degrees below normal in three of the State's districts to 5 degrees below normal in the eastern Upper Peninsula and southeast Lower Peninsula. A farmer in the south central commented, "We finally finished all the spring work. The crops are in and up and first cutting of hay is complete." A grower in the northwest Lower Peninsula agreed. While work was not finished, it was moving along, "This was the driest week we've had in awhile. We were able to get some fieldwork done and make some hay."

## Field Crops

Cool weather in most districts slowed field crop development over the week. **Corn** planting essentially wrapped up. A few farmers reported replanting drowned out spots or planting a few more acres for silage. Many growers reported yellowish plants due to nitrogen leaching. Stands continued to be uneven, with the cool temperatures not helping the problem. Farmers reported average height anywhere from just emerged to over 24 inches. A few consecutive dry days allowed producers to make progress on first crop **hay**. Across the State, the crop was very mature and heavy. Growers reported most of the crop was rained on at least once. **Soybean** planting neared completion. Much of the crop was emerged and looking better, although water damage was still evident in many spots. The **wheat** crop faced a variety of obstacles over the week. High levels of armyworms in several districts were reported. Head scab appeared, and many farmers were concerned about vomitoxin. The crop was maturing quickly in most areas. **Dry bean** planting advanced to nearly equal average progress. Over half of the crop was emerged. Operators reported that the **sugarbeet** crop continued to improve. However, growers noted that compaction and poor root development, due to the wet conditions, were slowing the crop's improvement.

## Fruit

In the southwest, **apricots** were showing signs of bacterial spot on leaves and fruit, and **peaches** were being thinned. Peaches and **pears** continued to size nicely in the southeast. Pears in the west central showed good development. **Sweet cherry** harvest was underway in the southwest, where fruit cracking was problematic due to rain. Brown rot has appeared on sweet cherry fruit. In the southeast, many growers have an excellent crop. **Tart cherries** were around 18 mm in size and turning. **Apples** were sizing well. Most varieties were in the range of 1.5 to 2.0 inches in diameter. Apple scab and sheet scab symptoms continued to show up at a few farms. West central apples were doing very well. Insect pressure was light due to persistent rainfall. **Blueberry** harvest started in the southwest. Growers were applying fungicide to protect against anthracnose. Concord and Niagara **grape** varieties were buckshot-sized, while wine grape varieties were BB-sized and still not past berry shatter. In the west central, grape shoot growth was rapid. Southwest **strawberry** harvest has ended, and growers were renovating fields. Southeastern strawberries were three-quarters harvested, while west central growers were underway. **Cranberry** bloom was ending, and the largest fruit were 8 mm in diameter in the southwest.

## Vegetables

Vegetable growers were engaged in a wide variety of activities, ranging from continued planting and transplanting to harvesting. **Asparagus** harvest wrapped up. **Snap bean** planting was in full swing. Some early planted fields were flowering. Early planted **carrots** were at the eighth leaf stage. Fields were uneven due to water damage. Some aster leafhoppers were reported. The earliest **onions** were at fourth leaf and doing well. **Sweet corn** started tasseling, and progress was made on late plantings over the week. Some European corn borer pressure was reported. Spring **spinach** harvest wrapped up. Fresh market **snap pea** harvest started. **Cucumber** and **zucchini** harvest picked up across the State. Some late zucchini was still being planted, and growers reported problems with striped cucumber beetles feeding on emerging plants. **Cabbage** harvest was in full swing in the southeast. **Cantaloups**, **muskmelons**, and **watermelons** improved over the week. **Pumpkin** planting neared completion. Emerged pumpkins and **squash** looked good. Farmers continued staking and tying **tomatoes**. Plastic was being laid for late plantings. **Peppers** improved, and buds started appearing. Early planted **potatoes** in the southeast ranged from in flower to tuber bulking. Later plantings were just emerged.

Soil moisture for week ending 06/27/04

Stratum	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	0	2	68	30
Subsoil	0	1	72	27

Crop condition for week ending 06/27/04

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
All Hay	2	7	30	48	13
Barley	1	9	47	35	8
Corn	6	16	37	33	8
Oats	4	8	37	41	10
Pasture	0	3	23	54	20
Soybeans	3	13	38	36	10
Winter Wheat	1	12	34	43	10

Crop progress for week ending 06/27/04

Crop	This week	Last week	Last year	5-year average
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>
Corn, height	16	12	NA	NA
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
All hay, first cutting	61	48	80	75
Dry beans, planted	87	68	91	91
Dry beans, emerged	52	12	57	65
Oats, headed	53	31	43	59
Soybeans, planted	95	87	99	98
Soybeans, emerged	87	77	95	94
Strawberries, harvested	90	71	62	78
Tart cherries, harvested	2	NA	0	2
Winter wheat, turning yellow	46	19	NA	NA

**Michigan Weather Summary for Week Ending 06/27/04 <sup>1</sup>**

Station	Temperature			Cumulative growing degree days <sup>2</sup>			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	70	39		548	642		0.68	1.02	3.50	10.90		
Marquette	75	40		492	626		0.86	0.99	3.69	10.69		
Stephenson	73	38		657	791		1.22	1.68	4.61	11.17		
<b>Western UP</b>	75	37	-7	542	660	628	0.69	1.02	3.52	9.48	8.93	3.61
Cornell	72	37		476	656		0.64	0.90	3.06	8.29		
Sault St Marie	72	35		385	597		0.66	1.01	3.06	9.10		
<b>Eastern UP</b>	76	35	-5	434	569	488	0.69	0.93	2.66	7.35	8.31	3.26
Beulah	71	43		684	711		0.14	0.31	3.54	12.86		
Lake City	73	36		711	703		0.25	0.88	2.43	13.31		
Old Mission	71	41		647	668		0.39	0.63	2.34	10.84		
Pellston	71	30		632	688		0.34	0.73	2.14	8.76		
<b>Northwest</b>	73	30	-6	646	668	736	0.25	0.70	2.52	10.84	7.97	3.03
Alpena	75	34		629	623		0.06	0.88	2.11	8.50		
Houghton Lake	74	39		746	758		0.27	0.46	1.76	12.17		
Rogers City	73	36		684	625		0.34	0.87	2.30	10.18		
<b>Northeast</b>	77	34	-6	700	700	700	0.36	0.81	2.36	10.69	7.84	2.90
Fremont	72	41		840	846		0.46	0.52	1.71	11.73		
Hart	71	41		776	740		1.21	1.37	4.07	14.33		
Muskegon	70	41		850	817		1.62	1.83	4.83	15.68		
<b>West Central</b>	72	38	-8	805	784	827	0.93	1.08	4.00	14.31	8.46	2.94
Alma	76	42		936	820		1.26	2.14	4.14	12.53		
Big Rapids	77	41		888	793		1.50	3.14	5.01	13.72		
<b>Central</b>	77	39	-7	912	802	881	1.36	2.43	4.47	13.88	8.81	3.36
Bad Axe	78	42		796	639		1.30	1.50	2.88	12.43		
Pigeon	79	44		782	669		1.48	2.03	3.65	14.17		
Saginaw	79	42		899	773		1.56	1.78	3.15	12.93		
Standish	78	39		796	709		1.05	1.56	3.14	13.12		
<b>East Central</b>	79	39	-7	802	705	858	1.38	1.89	3.65	13.26	7.90	3.08
Fennville	75	43		922	778		1.44	1.50	2.90	11.33		
Grand Rapids	75	45		1,072	845		1.73	1.84	3.31	15.33		
Holland	73	44		943	808		1.00	1.17	3.02	9.70		
South Bend, IN	80	45		1,167	925		0.50	1.00	5.39	12.47		
Watervliet	77	45		1,011	844		0.98	1.36	5.84	12.84		
<b>Southwest</b>	81	40	-8	1,011	862	944	1.39	1.65	4.25	12.98	9.59	3.55
Belding	73	39		959	806		0.76	1.08	3.11	12.59		
Coldwater	78	41		991	828		0.43	0.89	3.97	10.58		
Lansing	79	42		1,009	851		0.81	1.37	3.03	13.97		
<b>South Central</b>	81	39	-8	1,008	860	946	0.59	1.03	3.31	12.96	9.26	3.57
Detroit	80	50		1,098	923		0.13	1.20	2.95	11.59		
Flint	80	44		1,071	871		0.65	1.15	2.95	11.16		
Romeo	80	50		982	792		0.24	0.76	2.20	12.53		
Tipton	79	46		1,004	855		0.16	0.98	4.28	11.31		
Toledo, OH	80	47		1,183	940		0.15	1.75	4.05	9.65		
<b>Southeast</b>	82	43	-5	1,029	878	912	0.47	1.53	3.79	12.13	9.05	3.36

<sup>1</sup> 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.

<sup>2</sup> 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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