



National Agricultural Statistics Service
Michigan Statistical Office
Michigan Department of Agriculture

Michigan Crop-Weather



MI-CW2404

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Warm and Wet

Four days were suitable for fieldwork during the week ending June 13, according to the USDA-NASS-Michigan Statistical Office. In the southern part of the State, warmer temperatures helped crops progress over the week, but wet conditions limited fieldwork activities. Growers in the Upper Peninsula and northern parts of the Lower Peninsula reported fieldwork and crop progress up to 2 weeks behind normal. Precipitation amounts ranged from 0.66 inches in the eastern Upper Peninsula to 2.14 inches in the western and southwest Lower Peninsula. Six of eight Lower Peninsula districts reported more than 1 inch of precipitation for the week. Temperatures ranged from 2 degrees above normal in the eastern Upper Peninsula and east central Lower Peninsula to 5 degrees above normal in the northwest Lower Peninsula. Growers in the south central commented, "Everything is about at a standstill. It just keeps on raining. We get going good and then it rains not just a little, but a lot." A farmer in the southwest agreed "We had several dry days and now some more rain. It's tough to get caught up."

Field Crops

Growers dodged scattered showers during the last week, with several areas receiving heavy rains which slowed or stopped most planting and spraying activities. Warmer and relatively dry conditions early in the week helped farmers in a few districts make some progress. Due to the wet conditions and delayed applications of herbicides, heavy weed pressure was reported in many crops. **Corn** planting continued, weather permitting, and many operators were attempting to get the crop sprayed. Operators made limited progress on the first cutting of **hay**. Farmers attempting to bale dry hay were hampered by the weather. The humid and wet conditions were more conducive to putting up haylage. **Soybean** planting progressed early in the week. Earlier plantings continued to emerge and farmers made some spraying progress. Some water damage was reported. Farmers continued to scout fields for disease problems in the **wheat** crop. The excess moisture had growers in most districts carefully monitoring the crop as it progressed in the critical heading stage. The crop started to turn in the southeast. **Oats** continued heading out. **Dry bean** planting moved along.

Soil moisture for week ending 06/13/04

Stratum	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	0	2	44	54
Subsoil	1	2	59	38

Crop condition for week ending 06/13/04

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	31	48	12
Barley	5	6	62	26	1
Corn	5	11	34	42	8
Oats	6	10	32	44	8
Pasture	1	4	23	54	18
Soybeans	2	8	39	41	10
Winter Wheat	0	4	24	56	16

Fruit

Temperatures increased throughout the State last week, and insect activity did as well. Scattered rain showers left some areas with large amounts of rain and others with spotty, light precipitation.

Apple growth continued to progress in the warmer temperatures, with sizes up to 1.25 inches in diameter. In the southeast, potato leaf hopper numbers were high. In the Grand Rapids area, the rain caused an increase in fireblight. The second generation for oblique banded leaf hopper has begun throughout the State. **Pears** had similar problems with the leaf hopper and with plum curculio. **Sweet cherries** in the southeast continued to show signs of bacterial canker. Brown rot and cherry leaf spot were prevalent in the southwest. **Grapes** began to bloom late last week, and grape berry moth numbers increased. **Raspberries** and **blackberries** continued to bloom in the southwest and southeast. Small green fruit were reported in other parts of the State. Harvest was underway for **strawberries**. Gray mold, leather rot, and leaf curl have been spotted in the southeast.

Vegetables

Vegetable growing areas received scattered showers during much of the week. Farmers in the west central reported very heavy rains. In several districts, warmer temperatures over the week helped plants make use of the moisture. The **asparagus** harvest was slowing down in the west central and nearly complete in the southwest. Several processors had shut down for the year. Asparagus beetle and various disease problems were reported. **Tomatoes** under tunnels in the southwest had one-inch fruit. Warmer temperatures helped the crop in the southeast. **Onions** were doing well, although spotty moisture damage was reported. **Carrots** also improved over the week. Growers in the west central were able to kill the cover crop and spray for aster leafhopper. Farmers across the State continued planting **squash** and **pumpkins**. In the southwest, **potatoes** were flowering. Harvest of **zucchini** under tunnels was expected to begin shortly. **Sweet corn** greened up in response to the warmer temperatures. **Pepper** planting and transplanting continued. **Celery** planting progressed. **Cabbage** in the southeast looked good.

Crop progress for week ending 06/13/04

Crop	This week	Last week	Last year	5-year average
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>
Corn, height	6	NA	NA	NA
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
All hay, first cutting	44	19	39	40
Asparagus, harvested	79	70	88	89
Corn, planted	95	84	99	99
Corn, emerged	79	67	93	92
Dry beans, planted	28	1	17	32
Oats, headed	22	14	NA	NA
Potatoes, planted	98	90	NA	NA
Potatoes, emerged	80	63	NA	NA
Soybeans, planted	81	60	90	87
Soybeans, emerged	59	39	69	74
Strawberries, harvested	38	29	NA	NA
Winter wheat, headed	98	63	70	87

Michigan Weather Summary for Week Ending 06/13/04 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	90	39		418	428		0.88	2.48	5.17	8.64		
Marquette	90	40		362	397		0.89	2.70	5.87	9.70		
Stephenson	90	45		499	537		0.18	2.93	5.35	9.49		
Western UP	90	39	3	404	431	447	0.80	2.50	5.07	8.26	7.05	3.61
Cornell	87	42		327	433		0.69	2.16	4.57	7.24		
Sault St Marie	81	45		270	391		0.66	2.05	4.62	8.09		
Eastern UP	90	33	2	301	362	330	0.66	1.79	3.85	6.43	6.68	3.26
Beulah	87	52		517	479		1.64	3.23	5.65	12.55		
Lake City	88	51		540	472		0.76	1.55	4.71	12.43		
Old Mission	88	52		498	441		1.14	1.71	5.07	9.67		
Pellston	88	42		478	462		0.47	1.41	5.05	8.03		
Northwest	88	42	5	491	443	529	0.95	1.87	4.77	9.97	6.57	3.03
Alpena	92	38		449	398		0.43	1.23	3.74	7.62		
Houghton Lake	87	49		562	513		1.03	1.30	4.79	11.71		
Rogers City	90	45		506	394		0.73	1.43	4.01	9.31		
Northeast	92	38	3	522	465	501	0.78	1.55	4.30	9.97	6.51	2.90
Fremont	87	52		668	584		0.45	1.19	4.26	11.21		
Hart	87	53		610	498		1.80	2.70	5.36	13.02		
Muskegon	87	55		673	548		2.41	3.00	9.39	13.85		
West Central	87	52	4	633	535	602	2.14	2.92	6.76	13.06	7.15	2.94
Alma	92	53		735	557		1.90	2.00	5.19	11.95		
Big Rapids	90	50		670	545		1.79	1.87	4.70	10.01		
Central	92	50	3	708	546	647	1.95	2.04	5.14	11.70	7.17	3.36
Bad Axe	90	47		603	400		1.38	1.38	3.99	11.01		
Pigeon	90	48		579	428		1.31	1.62	5.11	12.14		
Saginaw	91	54		682	506		1.15	1.37	4.14	11.15		
Standish	90	49		608	466		1.07	1.58	2.90	11.56		
East Central	91	46	2	606	460	627	1.48	1.80	4.47	11.57	6.44	3.08
Fennville	87	55		738	536		1.12	1.40	5.86	9.83		
Grand Rapids	90	57		849	576		1.08	1.47	6.84	13.49		
Holland	88	56		753	544		1.50	1.85	4.66	8.53		
South Bend, IN	91	58		928	645		4.13	4.39	8.23	11.47		
Watervliet	89	55		803	592		4.44	4.48	8.35	11.48		
Southwest	92	45	4	800	602	695	2.14	2.59	7.05	11.33	7.90	3.55
Belding	89	52		762	556		1.79	2.03	6.22	11.51		
Coldwater	84	52		776	570		2.67	3.08	5.60	9.66		
Lansing	89	54		793	591		1.55	1.66	7.15	12.60		
South Central	92	51	3	792	601	696	1.94	2.29	6.80	11.91	7.55	3.57
Detroit	90	54		843	640		1.51	1.75	6.79	10.39		
Flint	90	55		836	608		0.90	1.80	5.87	10.01		
Romeo	90	49		752	542		1.17	1.44	5.77	11.77		
Tipton	89	52		783	601		3.24	3.30	6.13	10.33		
Toledo, OH	92	57		921	664		1.88	2.30	4.99	7.90		
Southeast	92	49	3	797	610	665	1.95	2.24	5.96	10.65	7.45	3.36

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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