



National Agricultural Statistics Service
Michigan Field Office
Michigan Department of Agriculture

Michigan Crop-Weather



MI-CW2905

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Dry Conditions Persist

Six days were suitable for fieldwork during the week ending July 10, according to the USDA, NASS, Michigan Field Office. Precipitation amounts ranged from 0.14 inches in the southwest Lower Peninsula to 0.79 inches in the west central Lower Peninsula. Average temperatures ranged from normal in the northeast and east central Lower Peninsula to 2 degrees above normal in the western Upper Peninsula and northwest, central, and southeast Lower Peninsula. The rains that fell earlier in the week helped crops, but conditions returned to dry by the week's end. One farmer in northeast commented, "While the area received 1 inch of rain on the 4th, it is just keeping us going. Without weekly rains through the season, we will have a very poor crop year." Another farmer in the west central mentioned, "We had a nice rain on the 4th and it was greatly needed, but the hot weather took most of it, so now the lighter soils could use more."

Field Crops

Temperatures remained warm through the week. The State received scattered rainfall in the first half of the week. This added to soil moisture but many areas are still short and precipitation for the month remained behind normal. **Corn** looked good in warm weather. Areas still low on moisture reported curling and a lack of growth. **Soybean** fields bloomed in southern portions of the State. Growth lagged behind in dry areas. Aphids were reported in the southeast and south central. **Sugarbeet** fields were less impacted by lack of rainfall and most looked good. There were a few reports of cercospora leaf spot. The first cutting of **alfalfa** was completed. The second cutting continued. Regrowth of the second cutting was reported as short in dry conditions. Southern regions of the State began harvest of **winter wheat** with the crop reported as being shorter than previous years. Other areas of the State reported that grain fill had not yet begun. Fields being harvested had a low incidence of disease. **Oats** turned yellow in the southwest. There were reports of oat damage in severely dry areas. **Barley** continued to head. **Dry bean** growth remained slow.

Soil moisture for week ending 07/10/05

Stratum	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	26	40	33	1
Subsoil	19	52	29	0

Crop condition for week ending 07/10/05

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
All Hay	6	20	34	32	8
Barley	0	1	62	28	9
Corn	2	8	30	50	10
Dry beans	0	4	38	47	11
Oats	1	5	29	51	14
Pasture	8	35	37	16	4
Soybeans	3	11	33	47	6
Winter Wheat	1	9	33	51	6

Fruit

In the Southwest, **apple** fruit were about 2 inches in diameter. Growers were catching apple maggot adults. Apples continued to size nicely in the southeast and west central regions. **Sweet cherry** harvest was underway in the southwest, and **tart cherry** harvest was wrapping up. Cherry growers were protecting against brown rot in the southwest, where no symptoms of cherry leaf spot had yet been found. In the west central, rain cracked unharvested sweet cherries. Tart cherry harvest was underway there last week as well. Cherry harvest was essentially complete in the southeast, where a good crop of sweet and tart cherries were observed. In **blueberries**, the general harvest of early varieties was underway in the southwest. **Peach** fruit were 1.5 inches in diameter in the southwest, where pit hardening had started. Last week was peak egg laying for the second generation of Oriental fruit moth in the southwest. **Strawberry** renovation was underway in the southwest. Strawberry harvest in the west central was shortened because of heat. Juice **grape** berries had buckshot-sized fruit, and Vinifera varieties were in berry touch in the southwest.

Vegetables

Vegetable crops were growing steadily with minimal insect and disease pressures due to the dry weather. However, many growers reported that rain was needed throughout the State, to prevent harm to the crops. **Cabbage** harvest continued and planting for later harvest was in progress in some fields. **Carrots** and **onions** continued to do well. **Potatoes** continued to blossom and set tubers. **Pumpkin** plants began to flower. First plantings of processing **snap beans** emerged. **Sweet corn** fields in some areas were harvested. **Squash**, **zucchini**, and **cucumber** harvest continued. **Tomatoes** continued to develop at a fast pace and fruit were developing.

Crop progress for week ending 07/10/05

Crop	This week	Last week	Last year	5-year average
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>
Corn, height	43	33	29	32
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
All hay, first cutting	96	90	88	91
All hay, second cutting	32	20	11	20
Blueberries, harvested	12	NA	1	NA
Oats, turning yellow	49	14	14	24
Soybeans, blooming	10	0	12	15
Strawberries, harvested	99	87	99	97
Tart cherries, harvested	35	18	26	NA
Winter wheat, turning yellow	98	88	92	93
Winter wheat, harvested	3	0	5	6

Michigan Weather Summary for Week Ending 07/10/05 ¹

Station	Temperature			Cumulative growing degree days ²			Precipitation					
	Maximum	Minimum	Departure from normal	2005	2004	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
											Since April 1	For month
Ironwood	90	45		1,058	713		0.15	0.22	1.28	6.73		
Marquette	93	45		962	620		0.15	0.98	2.43	8.44		
Stephenson	91	42		1,061	831		0.43	0.45	1.48	6.01		
Western UP	93	42	2	996	687	827	0.15	0.67	1.98	6.97	10.24	3.42
Cornell	88	46		954	702		0.00	0.14	0.44	4.83		
Sault St Marie	90	44		922	503		0.08	0.21	0.94	4.33		
Eastern UP	90	40	1	908	577	670	0.34	0.62	1.44	5.40	9.63	3.19
Beulah	87	51		1,183	856		0.12	1.25	2.10	5.31		
Lake City	89	47		1,114	878		0.95	1.25	2.42	6.70		
Old Mission	89	49		1,110	799		0.56	0.58	0.90	4.15		
Pellston	91	44		1,113	787		0.25	0.38	0.77	4.27		
Northwest	91	44	2	1,105	793	957	0.41	0.73	1.40	4.84	9.26	2.99
Alpena	91	47		1,021	807		0.31	0.78	1.95	5.56		
Houghton Lake	88	43		1,132	939		0.46	1.71	2.53	5.56		
Rogers City	90	43		1,067	770		0.49	0.99	2.08	5.83		
Northeast	91	38	0	1,099	850	918	0.65	1.18	2.42	6.02	9.07	3.18
Fremont	92	51		1,282	1,068		0.29	0.90	1.35	3.70		
Hart	89	49		1,224	976		1.19	1.82	2.04	4.91		
Muskegon	85	52		1,282	1,073		0.19	0.99	1.31	3.98		
West Central	92	47	1	1,245	1,015	1,064	0.79	1.35	1.85	4.39	9.52	2.54
Alma	90	51		1,293	1,161		0.24	0.48	2.14	4.81		
Big Rapids	90	52		1,254	1,085		0.53	0.97	1.51	4.47		
Central	90	50	2	1,263	1,118	1,124	0.40	0.72	2.36	5.03	10.11	2.97
Bad Axe	88	54		1,197	1,008		0.58	0.58	1.88	7.94		
Pigeon	86	51		1,135	994		0.46	0.47	2.01	6.90		
Saginaw	88	54		1,215	1,145		1.12	1.33	3.38	8.01		
Standish	89	50		1,174	995		0.59	0.87	2.35	7.20		
East Central	89	50	0	1,158	1,045	1,105	0.55	0.84	2.31	7.68	9.21	2.92
Fennville	88	48		1,298	1,117		0.16	0.78	0.80	3.10		
Grand Rapids	87	56		1,357	1,333		0.07	0.80	2.32	10.21		
Holland	89	50		1,350	1,179		0.07	0.58	0.76	2.01		
South Bend, IN	91	53		1,466	1,447		0.55	0.93	1.03	4.53		
Watervliet	90	51		1,389	1,263		0.26	0.66	1.23	4.86		
Southwest	92	48	1	1,370	1,266	1,209	0.14	0.66	1.08	4.54	10.94	3.09
Belding	90	49		1,261	1,191		0.08	0.60	4.24	9.46		
Coldwater	89	52		1,283	1,244		0.55	0.96	2.00	5.92		
Lansing	87	55		1,350	1,260		1.87	2.65	3.28	10.14		
South Central	92	49	1	1,321	1,279	1,205	0.60	1.07	2.02	7.12	10.72	3.22
Detroit	92	59		1,416	1,379		1.31	2.06	2.59	6.88		
Flint	89	53		1,284	1,309		1.23	1.30	2.08	5.90		
Romeo	92	56		1,262	1,248		0.57	1.75	2.45	7.58		
Tipton	90	56		1,341	1,240		1.04	1.70	2.13	6.72		
Toledo, OH	89	56		1,426	1,471		0.01	0.30	0.33	4.80		
Southeast	94	47	2	1,326	1,318	1,174	0.69	1.55	2.32	7.23	10.47	3.11

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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