



National Agricultural Statistics Service
Michigan Statistical Office
Michigan Department of Agriculture

Michigan Crop-Weather



MI-CW2805

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Normal Temperatures

Six days were suitable for fieldwork during the week ending July 3, according to the USDA-NASS-Michigan Statistical Office. Precipitation amounts ranged from none in the central Lower Peninsula to 2.62 inches in the south central Lower Peninsula. Average temperatures ranged from normal in the south central Lower Peninsula to 2 degrees above normal in the eastern Upper Peninsula, the northwest and southeast Lower Peninsula. Scattered showers and severe weather occurred throughout the State with warm and humid conditions. Cooler temperatures mid-week balanced out early warmth. Areas reporting moisture stress declined in comparison to previous weeks, although some regions of the State remain abnormally dry. One farmer in southeast commented, "Hot, humid and stormy weather broke mid-week and it has been cool and dry. Overall, this weather has been great for all crops as long as enough moisture was dropped in the passing storms." Another farmer in the west central mentioned, "We finally got some rain this week and the corn improved from that."

Field Crops

Temperatures fluctuated throughout the week. Conditions ranged from hot and humid to cool. Precipitation ranged from scattered showers and thunderstorms to insignificant amounts of rainfall. As a result, soil moisture varied throughout the State. **Corn** growth progressed. Some fields showed signs of moisture stress. There have been reports of armyworm and European corn borer. **Soybean** fields bloomed in the southeast. Growth was behind in the southwest. Fields were flowering in central regions of the State. **Sugarbeet** fields not injured by rainfall showed row closure. The first cutting of **alfalfa** was nearing completion this week; the second cutting was underway. Leafhoppers and alfalfa weevils were present in some fields. **Winter wheat** was in the drydown stage in the southwest. Most fields throughout the State were turning yellow and maturing nicely. **Oats** and **barley** headed with few reports of scab. **Dry bean** planting neared completion. Lack of precipitation injured some newly planted fields.

Soil moisture for week ending 07/03/05

Stratum	Very short	Short	Adequate	Surplus
Topsoil	17	38	43	2
Subsoil	14	43	41	2

Crop condition for week ending 07/03/05

Crop	Very poor	Poor	Fair	Good	Excellent
All Hay	3	14	32	40	11
Barley	1	3	37	54	5
Corn	2	5	35	47	11
Oats	1	5	22	59	13
Pasture	8	21	37	26	8
Soybeans	2	9	36	46	7
Winter Wheat	1	12	37	43	7

Fruit

Fire blight was spreading and becoming severe in some **apple** orchards in the southwest. Jonathan was the most severely affected variety. In the southeast, apples continued to size nicely with most being around 1.5 inches in diameter. Apples were sizing nicely in the west central region. Fire blight strikes started to show up in Honeycrisp and Gala apples in isolated areas around the northwest. Harvest of early varieties of **blueberries** continued in the southwest. In the southeast, blueberries were mostly 13 mm, with berries coloring. In the Grand Rapids area, harvest of early blueberry varieties started. **Peach** pits were hardening in the southwest. In the southeast, peaches continued to size well. Peach thinning was underway in the west central. The crop looked very good. **Sweet cherry** harvest continued in the southwest, and **tart cherry** harvest began. In the southeast, sweet cherry harvest continued. Sweet cherries sized very well this year with no cracking. A light crop of tart cherries was ripening in the southeast. In the west central, sweet cherry harvest continued with very good size and color. **Strawberry** growers were renovating their fields in the southwest. In the southeast, strawberry harvest continued. In the southwest, **grapes** had buckshot-sized fruit. Vinifera bloom ended there. In the southeast, grape shoots were about 24 inches in length with buckshot-sized fruit. In the northwest, most grape varieties ended blooming, and fruit set looked very good.

Vegetables

Many vegetable growers reported overall good growing conditions throughout the State. **Asparagus** harvest was completed. **Cabbage** harvest was in full swing and still showing very good quality in the fields. **Carrots** and **onions** looked excellent and continued to grow well. **Potatoes** were in blossom and setting tubers. **Pumpkin** growth was progressing well with some plants beginning to vine. **Snap bean** early plantings in some areas did not look good after receiving some rain followed by the hot weather. Most **sweet corn** fields were silking while in some early planted fields harvest started on a limited basis. **Squash, zucchini, and cucumbers** continued to be harvested and looked good. **Tomatoes** for processing looked very good while fresh market plantings continued to show some fruits.

Crop progress for week ending 07/03/05

Crop	This week	Last week	Last year	5-year average
Corn, height	33	20	20	22
All hay, first cutting	90	83	79	83
All hay, second cutting	20	NA	NA	NA
Dry beans, planted	100	93	95	97
Dry beans, emerged	95	41	73	83
Oats, headed	98	76	70	73
Oats, turning yellow	14	NA	6	13
Strawberries, harvested	87	77	96	93
Tart cherries, harvested	18	1	12	18
Winter wheat, turning yellow	88	61	74	71

Michigan Weather Summary for Week Ending 07/04/05 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	80	46		953	660		0.22	0.22	2.02	6.73		
Marquette	81	46		865	579		0.56	1.11	2.68	8.44		
Stephenson	89	42		966	776		0.45	0.64	2.49	6.01		
Western UP	89	41	1	898	635	733	0.39	0.86	2.70	6.97	9.68	3.42
Cornell	87	44		863	650		0.14	0.29	0.82	4.83		
Sault St Marie	83	42		816	452		0.19	0.46	0.98	4.33		
Eastern UP	88	42	2	817	533	586	0.36	0.65	1.37	5.14	9.17	3.19
Beulah	85	51		1,071	799		1.25	1.91	2.10	5.31		
Lake City	89	43		1,009	811		1.25	2.27	3.06	6.70		
Old Mission	88	41		1,007	737		0.58	0.60	1.01	4.15		
Pellston	86	34		1,005	727		0.28	0.56	1.23	4.27		
Northwest	89	34	2	999	734	855	0.77	1.17	1.85	4.91	8.75	2.99
Alpena	90	43		919	734		0.78	1.02	2.76	5.56		
Houghton Lake	86	40		1,030	865		1.71	2.01	3.06	5.56		
Rogers City	87	42		962	697		0.80	1.11	2.57	5.76		
Northeast	90	40	1	994	777	816	0.93	1.16	2.73	5.81	8.62	3.18
Fremont	93	42		1,162	972		0.89	1.05	1.84	3.69		
Hart	87	41		1,116	895		1.81	1.81	2.15	4.90		
Muskegon	87	47		1,165	979		0.99	1.29	1.31	3.98		
West Central	96	41	1	1,132	929	956	1.34	1.71	2.02	4.39	9.17	2.54
Alma	90	46		1,176	1,059		0.46	0.65	2.44	4.79		
Big Rapids	90	46		1,136	1,002		0.00	0.00	0.01	1.33		
Central	90	43	1	1,148	1,024	1,013	0.46	0.66	2.18	4.23	9.63	2.97
Bad Axe	89	47		1,077	916		0.26	0.27	3.23	7.62		
Pigeon	88	49		1,031	904		0.43	0.57	4.13	6.86		
Saginaw	90	50		1,100	1,039		0.66	0.68	2.94	7.34		
Standish	89	48		1,063	905		0.66	0.72	2.95	6.99		
East Central	90	47	1	1,047	951	993	0.63	0.73	3.18	7.47	8.62	2.92
Fennville	87	43		1,187	1,022		0.78	0.78	0.91	3.10		
Grand Rapids	90	49		1,231	1,218		0.78	0.80	6.46	10.21		
Holland	89	48		1,232	1,079		0.58	0.58	0.76	2.01		
South Bend, IN	92	48		1,335	1,316		0.93	0.93	1.67	4.53		
Watervliet	90	46		1,266	1,150		0.61	0.80	1.95	4.81		
Southwest	94	43	1	1,248	1,156	1,089	0.61	0.73	1.80	4.49	10.42	3.09
Belding	89	44		1,144	1,092		0.60	0.65	5.02	9.46		
Coldwater	91	47		1,163	1,131		0.89	1.16	2.93	5.85		
Lansing	89	48		1,228	1,149		2.62	2.89	6.88	10.11		
South Central	94	44	0	1,200	1,168	1,087	0.98	1.15	3.53	7.03	10.23	3.22
Detroit	92	54		1,279	1,250		1.12	1.48	2.30	5.94		
Flint	89	46		1,165	1,203		1.30	1.30	3.04	5.90		
Romeo	91	51		1,134	1,118		1.60	1.73	2.88	7.43		
Tipton	91	51		1,215	1,130		1.66	1.79	2.64	6.68		
Toledo, OH	92	54		1,290	1,334		0.29	0.29	0.60	4.79		
Southeast	94	45	2	1,199	1,197	1,055	1.33	1.50	2.86	7.01	9.91	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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