



National Agricultural Statistics Service
Michigan Field Office
Michigan Department of Agriculture

Michigan Crop-Weather



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Warm and Dry

Six days were suitable for fieldwork during the week ending October 16, according to the USDA, NASS, Michigan Field Office. Precipitation amounts ranged from none in the south central Lower Peninsula to 0.29 inches in the eastern Upper Peninsula. Average temperatures ranged from 1 degree above normal in the southwest Lower Peninsula to 4 degrees above normal in the northwest and central Lower Peninsula. Farmers were busy harvesting with minimal delays due to rain. A farmer in the northwest said, "It was perfect weather for picking corn, but we still need rain to keep up with adequate soil moisture." A farmer from the south central mentioned, "Dry weather sped up harvest progress in our area. Machines are running around the clock if the trucks can keep up."

Field Crops

Corn harvest continued with most of the corn fully matured. **Soybean** harvest continued at a fast pace. There were reports that a killing frost was needed on late planted soybeans to kill the green stems. The third cutting of **alfalfa** was almost complete. For **sugarbeets**, temperatures continued to be too warm to start stockpiling beets. **Winter wheat** planting was almost completed. There were reports that more wheat may be planted due to the above normal fall temperatures and due to fertilizer costs expected to increase from high petroleum prices.

Soil moisture for week ending 10/16/05

Stratum	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	18	41	40	1
Subsoil	24	49	26	1

Crop condition for week ending 10/16/05

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	2	7	24	45	22
Pasture	12	18	41	26	3

Fruit

In the southwest, Red Delicious and Golden Delicious **apple** harvest was nearing completion. Growers were starting to pick fresh market varieties such as Fuji. Harvest continued in the west central, with Rome and Ida Red varieties still to be picked. Growers have been waiting for cold temperatures to improve fruit color. In the northwest, harvest was nearing completion. **Grape** harvest ended in the southwest.

Vegetables

Harvest of late season vegetable crops continued. **Carrot** harvest continued. **Celery** harvest wrapped up. **Onion** harvest continued. **Potato** harvest progressed. **Pumpkin** harvest moved along. **Squash** harvest for processing continued.

Crop progress for week ending 10/16/05

Crop	This week	Last week	Last year	5-year average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
All hay, third cutting	96	93	96	96
All hay, fourth cutting	47	45	70	57
Apples, harvested	76	73	80	NA
Corn, mature	97	95	87	91
Corn, harvested	37	26	18	19
Potatoes, harvested	78	70	79	NA
Soybeans, harvested	82	67	50	47
Sugarbeets, harvested	12	11	8	18
Winter wheat, planted	90	71	81	73
Winter wheat, emerged	47	27	36	33

Michigan Weather Summary for Week Ending 10/16/05 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	65	28		2,531	1,853		0.22	0.22	2.09	14.90		
Marquette	63	32		2,399	1,834		0.25	3.01	5.90	19.30		
Stephenson	69	29		2,638	2,198		0.23	1.31	2.96	12.32		
Western UP	69	28	2	2,516	1,901	1,991	0.23	2.32	4.14	16.31	21.29	2.57
Cornell	66	34		2,520	1,934		0.28	4.20	6.88	16.31		
Sault St Marie	63	38		2,398	1,670		0.47	0.82	3.73	14.84		
Eastern UP	66	24	3	2,382	1,710	1,753	0.29	2.54	5.48	16.79	20.32	2.57
Beulah	68	33		2,889	2,262		0.18	0.25	2.71	18.86		
Lake City	68	30		2,603	2,192		0.24	0.24	3.48	18.13		
Old Mission	68	33		2,766	2,190		0.23	0.25	2.63	14.61		
Pellston	67	28		2,696	2,078		0.17	0.80	3.08	15.44		
Northwest	68	27	4	2,703	2,126	2,283	0.24	0.62	3.10	17.16	19.62	2.75
Alpena	69	31		2,586	2,169		0.11	0.22	2.52	15.73		
Houghton Lake	67	27		2,715	2,299		0.15	0.15	3.49	13.94		
Rogers City	69	29		2,609	2,176		0.19	0.30	2.74	17.90		
Northeast	71	25	2	2,646	2,194	2,205	0.18	0.25	2.75	16.84	19.34	2.40
Fremont	69	35		3,044	2,545		0.00	0.01	1.14	8.44		
Hart	69	31		2,938	2,386		0.01	0.02	1.30	12.78		
Muskegon	67	38		3,149	2,565		0.00	0.02	3.00	11.65		
West Central	69	30	3	3,018	2,457	2,499	0.01	0.03	1.95	11.67	19.73	2.94
Alma	71	35		3,049	2,670		0.01	0.01	0.93	12.03		
Big Rapids	71	35		2,933	2,482		0.00	0.00	0.00	8.62		
Central	71	35	4	2,986	2,573	2,581	0.01	0.01	0.92	10.51	20.41	2.59
Bad Axe	69	39		3,014	2,479		0.00	0.13	4.68	17.88		
Pigeon	67	36		2,819	2,454		0.02	0.07	2.29	12.07		
Saginaw	71	39		3,028	2,689		0.07	0.07	4.41	17.97		
Standish	71	34		2,864	2,423		0.14	0.17	4.47	20.13		
East Central	71	34	3	2,918	2,519	2,597	0.06	0.16	3.49	16.16	18.15	2.41
Fennville	71	36		3,129	2,622		0.00	0.08	0.34	6.25		
Grand Rapids	70	38		3,279	2,907		0.06	0.06	2.45	20.13		
Holland	69	40		3,243	2,708		0.00	0.00	2.00	5.79		
South Bend, IN	72	39		3,471	3,060		0.00	0.00	2.18	13.44		
Watervliet	71	38		3,327	2,801		0.00	0.01	1.41	11.41		
Southwest	73	35	1	3,264	2,804	2,837	0.01	0.02	1.46	11.17	21.17	2.99
Belding	70	35		3,002	2,652		0.00	0.01	2.66	16.04		
Coldwater	71	39		3,130	2,745		0.00	0.03	1.90	14.81		
Lansing	71	40		3,306	2,780		0.00	0.00	1.89	17.66		
South Central	74	32	2	3,187	2,789	2,785	0.00	0.02	2.02	14.02	20.47	2.41
Detroit	74	46		3,515	3,105		0.02	0.02	1.31	13.98		
Flint	72	41		3,146	2,819		0.01	0.01	4.88	16.69		
Romeo	70	43		3,082	2,802		0.02	0.02	3.60	16.81		
Tipton	75	39		3,206	2,792		0.03	0.04	1.99	16.07		
Toledo, OH	74	40		3,431	3,128		0.04	0.04	1.88	14.12		
Southeast	75	33	3	3,226	2,915	2,783	0.02	0.03	2.63	16.41	19.36	2.33

¹ Issued by the USDA, NASS, Michigan Field Office 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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