

Michigan Crop-Weather

Isolated Frost

Six days were suitable for fieldwork during the week ending October 9, according to the USDA, NASS, Michigan Field Office. Precipitation amounts ranged from none in the central Lower Peninsula to 2.24 inches in the eastern Upper Peninsula. Average temperatures ranged from 3 degrees above normal in the western Upper Peninsula to 8 degrees above normal in the northwest, northeast, west central, central and east central Lower Peninsula. There were reports of variable frost across the State. A farmer in the northwest said, "First general frost this year, 29 to 31 degrees all last night. This should help dry down corn but stopped the growth of fall crops." A farmer from the southwest mentioned, "Very light, patchy frost this morning. The temperatures have been on a roller coaster from a warm and humid 80 degrees to a chilly, cloudy 40 degrees."

Field Crops

Corn harvest continued ahead of normal. There were several reports of moisture content in the 15 to 18 percent range. **Soybean** harvest continued, also ahead of normal. **Alfalfa** harvest was winding down in some areas and was on par with the 5-year average. For **sugarbeets**, harvest continued at a rate to meet factory needs. **Dry bean** harvest neared completion. **Winter wheat** planting continued ahead of normal. Emergence has been good due to the recent rains.

Soil moisture for week ending 10/09/05

Stratum	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	7	26	65	2
Subsoil	18	41	40	1

Crop condition for week ending 10/09/05

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	14	34	39	7
Corn	1	7	26	48	18
Pasture	8	21	43	27	1
Soybeans	5	8	31	41	15

Fruit

Apple harvest was in full swing in the southwest, where growers were picking Golden Delicious. In the west central, harvest continued; some orchards were nearing completion of harvest. In the northwest, all but the latest maturing varieties were being harvested. **Grape** harvest continued in the southwest and will be completed by October 17. In the eastern part of the state, raspberry harvest was completed.

Vegetables

Vegetable growers continued to harvest late season crops. Harvest of the **carrot** crop continued. **Celery** harvest neared completion. **Onion** harvest continued. Growers continued to harvest **potatoes**. **Pumpkin** harvest progressed at a steady pace. **Squash** harvest for processing was well underway. Harvest of **tomatoes** was completed.

Crop progress for week ending 10/09/05

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	93	88	92	93
All hay, fourth cutting	45	38	47	45
Apples, harvested	73	48	64	NA
Corn, mature	95	86	63	75
Corn, harvested	26	17	12	11
Dry beans, harvested	95	63	92	77
Potatoes, harvested	70	59	71	NA
Soybeans, harvested	67	38	37	28
Sugarbeets, harvested	11	6	5	10
Winter wheat, planted	71	24	60	54
Winter wheat, emerged	27	5	12	14

Michigan Weather Summary for Week Ending 10/09/05 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	77	27		2,493	1,830		0.00	0.65	2.12	14.68		
Marquette	78	28		2,369	1,806		2.76	3.55	6.63	19.05		
Stephenson	83	30		2,594	2,165		1.08	1.82	3.06	12.09		
Western UP	83	27	3	2,479	1,874	1,958	2.09	2.73	4.44	16.08	20.75	2.57
Cornell	78	29		2,481	1,912		3.92	5.39	7.06	16.03		
Sault St Marie	81	29		2,364	1,652		0.35	1.83	3.71	14.37		
Eastern UP	81	23	6	2,347	1,688	1,729	2.24	3.81	5.52	16.49	19.72	2.57
Beulah	84	31		2,845	2,231		0.07	0.98	3.66	18.68		
Lake City	83	29		2,563	2,165		0.00	0.98	3.39	17.89		
Old Mission	86	38		2,718	2,162		0.02	1.15	2.72	14.38		
Pellston	87	27		2,652	2,051		0.63	1.74	3.32	15.27		
Northwest	87	27	8	2,660	2,098	2,243	0.38	1.48	3.43	16.92	18.96	2.75
Alpena	85	31		2,542	2,145		0.11	0.79	2.59	15.62		
Houghton Lake	82	27		2,673	2,276		0.00	1.10	3.35	13.79		
Rogers City	85	30		2,569	2,150		0.11	1.13	2.78	17.71		
Northeast	85	27	8	2,604	2,168	2,168	0.07	1.07	2.84	16.66	18.76	2.40
Fremont	83	31		2,994	2,507		0.01	0.92	1.46	8.44		
Hart	82	28		2,889	2,350		0.01	0.06	1.59	12.77		
Muskegon	81	35		3,094	2,532		0.02	0.85	3.84	11.65		
West Central	83	28	8	2,967	2,422	2,455	0.02	0.69	2.36	11.67	19.03	2.94
Alma	86	34		2,996	2,638		0.00	0.35	1.26	12.02		
Big Rapids	86	34		2,882	2,450		0.00	0.00	0.00	8.62		
Central	86	32	8	2,935	2,541	2,534	0.00	0.32	1.25	10.50	19.79	2.59
Bad Axe	85	46		2,965	2,450		0.13	0.87	5.27	17.88		
Pigeon	87	46		2,769	2,428		0.05	0.20	2.29	12.05		
Saginaw	87	42		2,972	2,666		0.00	0.43	4.64	17.90		
Standish	86	36		2,812	2,395		0.03	0.80	4.60	19.99		
East Central	88	35	8	2,867	2,493	2,548	0.10	0.72	3.71	16.10	17.63	2.41
Fennville	85	35		3,075	2,589		0.08	0.11	0.81	6.25		
Grand Rapids	84	35		3,225	2,875		0.00	0.74	3.75	20.07		
Holland	86	36		3,183	2,677		0.00	1.25	2.27	5.79		
South Bend, IN	85	38		3,414	3,031		0.00	1.27	3.59	13.44		
Watervliet	85	35		3,270	2,766		0.01	0.75	2.40	11.41		
Southwest	89	30	6	3,208	2,770	2,780	0.01	0.74	2.32	11.16	20.44	2.99
Belding	83	34		2,951	2,618		0.01	0.69	3.64	16.04		
Coldwater	85	34		3,077	2,716		0.03	0.57	2.67	14.81		
Lansing	84	35		3,251	2,747		0.00	0.44	2.72	17.66		
South Central	88	28	7	3,134	2,756	2,729	0.01	0.57	2.62	14.01	19.90	2.41
Detroit	84	45		3,454	3,071		0.00	0.41	1.67	13.96		
Flint	84	37		3,095	2,789		0.00	0.52	5.13	16.68		
Romeo	86	35		3,028	2,766		0.00	1.04	4.37	16.79		
Tipton	86	39		3,151	2,758		0.01	0.49	3.10	16.04		
Toledo, OH	86	40		3,372	3,104		0.00	0.32	2.86	14.08		
Southeast	87	32	7	3,171	2,883	2,728	0.01	0.54	3.46	16.39	18.84	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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