

Michigan Crop-Weather

Rain and Frost

Four days were suitable for fieldwork during the week ending October 1, according to the USDA, NASS, Michigan Field Office. Precipitation amounts ranged from 0.23 inches in the south central Lower Peninsula to 1.06 inches in the west central Lower Peninsula. Average temperatures ranged from 5 degrees below normal in the northeast, west central, southwest, and south central Lower Peninsula to 2 degree below normal in the eastern Upper Peninsula. The first light frost hit many areas of the State. A farmer in the east central region mentioned that, "We received frost, but it was not very hard " A farmer in the southeast said that, "A light frost hit on the morning of the 29th of September, but did no real damage."

Field Crops

Cool, wet weather continues to limit harvest for most crops. **Corn** continued to dry down. **Silage** harvest neared the end for many parts of the State. **Soybean** continued to turned yellow and drop leaves. Third and fourth cuttings of **hay** was limited due to the rains. **Potato** harvest continued. **Dry bean** harvest continued. **Sugarbeet** harvest continued on a limited basis. **Winter wheat** planting continued on dryer soils.

Soil moisture for week ending 10/01/06

Stratum	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	0	6	70	24
Subsoil	3	17	68	12

Crop condition for week ending 10/01/06

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	43	17
Corn	1	8	25	43	23
Pasture	1	7	39	43	10
Soybeans	1	7	30	45	17

Fruit

Apple harvest continued to move along quickly last week. Growers in the southwest harvested Red and Golden Delicious apples. In the southeast, growers were picking Jonagold and Golden Delicious, and spot picking Empire and Red Delicious. **Grape** harvest progressed across the State. Growers in the southwest were careful to wait for sugar levels to rise before harvesting fruit.

Vegetables

The cooler temperatures and rainfall continued as vegetable growers across the State continued to gather a variety of vegetables. **Celery** harvest continued on schedule, while **onion** harvest neared completion. **Carrot** harvest continued. **Pumpkin** and **winter squash** harvest progressed. **Snap bean** harvest neared completion. **Potato** harvest continued in some areas. **Tomato** harvest for processing neared completion in the southeast.

Crop progress for week ending 10/01/06

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	95	93	88	87
All hay, fourth cutting	34	28	38	32
Apples, harvested	49	37	46	NA
Corn, mature	77	64	85	61
Corn, harvested	5	3	16	8
Corn silage, harvested	88	81	95	82
Dry beans, harvested	75	69	62	62
Peaches, harvested	93	89	100	100
Potatoes, harvested	47	44	58	NA
Soybeans, turning leaves	93	91	100	95
Soybeans, dropping leaves	78	55	96	78
Soybeans, harvested	7	5	35	17
Sugarbeets, harvested	5	3	6	5
Winter wheat, planted	15	13	23	30
Winter wheat, emerged	2	NA	4	7

Michigan Weather Summary for Week Ending 10/01/06 ¹

Station	Temperature			Cumulative growing degree days ²			Precipitation					
	Maximum	Minimum	Departure from normal	2006	2005	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
											Since April 1	For month
Ironwood	70	30		2,237	2,403		0.81	2.26	3.21	16.06		
Marquette	63	31		2,058	2,295		0.56	2.01	2.77	16.94		
Stephenson	69	33		2,354	2,508		1.25	3.00	4.43	16.32		
Western UP	70	30	-3	2,208	2,371	1,915	0.79	2.23	3.27	16.85	20.03	2.57
Cornell	66	35		2,250	2,405		1.03	3.04	4.47	19.57		
Sault St Marie	62	37		2,120	2,273		1.53	3.38	4.41	14.32		
Eastern UP	66	29	-2	2,105	2,241	1,694	0.89	2.60	3.53	17.45	19.01	2.57
Beulah	65	38		2,457	2,741		1.09	2.21	4.34	21.71		
Lake City	65	32		2,292	2,477		0.63	1.56	3.46	24.27		
Old Mission	68	37		2,395	2,610		0.83	2.22	3.18	13.49		
Pellston	65	26		2,346	2,539		1.04	2.54	3.22	15.22		
Northwest	68	26	-4	2,318	2,548	2,191	0.90	2.05	3.41	18.29	18.15	2.75
Alpena	66	31		2,389	2,438		0.19	1.47	2.72	17.86		
Houghton Lake	64	28		2,371	2,568		0.55	1.33	4.01	18.73		
Rogers City	66	30		2,336	2,520		0.52	1.80	3.56	13.64		
Northeast	67	28	-5	2,369	2,509	2,119	0.47	1.68	3.44	17.28	18.03	2.40
Fremont	67	36		2,640	2,876		0.91	2.56	4.69	19.57		
Hart	66	36		2,487	2,773		1.16	2.03	3.65	20.89		
Muskegon	67	37		2,711	2,975		1.34	2.22	4.32	18.53		
West Central	68	32	-5	2,581	2,837	2,397	1.06	2.12	4.08	18.17	18.17	2.94
Alma	68	32		2,683	2,843		0.29	1.17	2.87	19.95		
Big Rapids	68	32		2,549	2,706		0.06	0.39	2.04	20.04		
Central	68	31	-3	2,631	2,767	2,473	0.28	1.02	2.73	19.97	18.96	2.59
Bad Axe	69	38		2,569	2,848		0.10	1.39	2.92	16.96		
Pigeon	68	36		2,527	2,657		0.17	0.85	2.51	14.86		
Saginaw	68	33		2,732	2,858		0.28	1.36	2.30	19.35		
Standish	67	32		2,503	2,606		0.31	1.43	3.88	20.83		
East Central	69	31	-4	2,552	2,767	2,483	0.27	1.31	2.95	18.27	16.88	2.41
Fennville	68	36		2,617	2,964		0.80	2.77	3.95	18.62		
Grand Rapids	68	36		2,888	3,109		1.18	4.02	5.92	23.08		
Holland	69	38		2,887	3,070		0.86	2.70	3.52	11.64		
South Bend, IN	71	41		2,963	3,296		0.53	1.14	3.58	27.12		
Watervliet	70	39		2,839	3,151		0.53	1.90	3.24	18.26		
Southwest	73	35	-5	2,806	3,078	2,709	0.55	1.99	3.13	18.02	19.56	2.99
Belding	67	30		2,640	2,842		0.41	1.81	4.05	17.61		
Coldwater	69	32		2,715	2,977		0.22	0.98	2.51	17.44		
Lansing	68	34		2,789	3,133		0.39	1.44	3.24	18.86		
South Central	72	30	-5	2,766	3,044	2,659	0.23	1.02	2.25	17.41	19.10	2.41
Detroit	74	39		3,121	3,325		0.27	0.91	1.72	19.00		
Flint	71	30		2,688	2,979		0.19	1.41	3.16	21.37		
Romeo	68	20		2,839	2,913		0.70	2.18	4.47	20.80		
Tipton	73	34		2,796	3,045		0.51	1.42	2.52	19.26		
Toledo, OH	76	38		3,104	3,259		0.52	1.41	2.35	23.46		
Southeast	76	20	-4	2,840	3,105	2,658	0.46	1.45	3.04	20.99	18.14	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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