

# Michigan Crop-Weather

## Rain Returns

Six days were suitable for fieldwork during the week ending September 10, according to the USDA, NASS, Michigan Field Office. Precipitation amounts ranged from 0.19 in the central Lower Peninsula to 0.60 inches in the western Upper Peninsula. Average temperatures ranged from 3 degrees below normal in the east central and southwest Lower Peninsula to normal in the eastern Upper Peninsula. Scattered showers helped late maturing crops but did not hamper harvest. Some areas were still in dry conditions. A farmer in the southwest region mentioned that, "Six-tenths of an inch of rain on September 5. That was enough to help complete the growing season without creating massive amounts of mud." A farmer in the northwest said that, "The corn is as good as it's going to get. A walk through the field showed most corn did not fill well, ears showed poor pollination, and only about 30 percent looked normal."

## Field Crops

Precipitation fell over the weekend and should help improve late maturing crops. **Corn** continued to mature, with many fields in the black layer stage. **Silage** harvest remained strong. **Soybean** leaves continued turning. In some soybean fields, plants started to drop their leaves. Third and fourth cuttings of **hay** were slowed due to cool temperatures. **Potato** harvest continued. **Dry bean** harvest was in full swing. **Sugarbeet** harvest will begin soon. Spread of cercospora leafspot has been slowed due to cool night temperatures.

## Fruit

Insect pressure in fruit decreased in the south where codling moth, Japanese beetle, and apple maggot catches were low. Sooty blotch and flyspeck became more common and some growers reported pinpoint apple scab in the south. Codling moth flight increased over the last two weeks and obliquebanded leafroller catches were high in the northwest. **Apple** harvest of early varieties was underway across the State. In the southwest, Gala and McIntosh growers harvested fruit not damaged from the August 23 storms. Ginger Gold apples were harvested in the northwest. **Peach** harvest was underway in the west central and nearing completion in the south. Encore and other late varieties were being harvested in the southwest. The southeast had extensive leaf drop due to bacterial spot infected fruit as well as Japanese beetle feeding. **Plum** harvest continued in the southwest and southeast. Brown rot was a problem. **Sweet** and **tart cherry** blocks across the State were defoliated by cherry leaf spot. Cherry fruit flies were caught in high numbers in the northwest. **Pear** harvest continued in the southwest. Pear and **blueberry** harvest was nearly complete in the southeast. In the southwest, harvest continued for Elliot and Jersey blueberry varieties. Many producers in the southwest sustained crop loss due to the August 23 storm, resulting in a shift of harvested fruit for processing. Downy mildew continued to be a widespread problem for Michigan **grape** producers. Harvest began for Concord types in the southeast and Niagara in the southwest. Marquis table grapes were ready for first picking in the northwest. Sphinx moth larvae were large and their feeding injury was apparent in the northwest.

## Vegetables

Vegetable crops throughout the State continued to be harvested. **Pumpkins** were sizing well. **Celery** and **onion** harvest continued in the southwest. **Pepper** harvest continued with the presence of aphids and very small corn borer larvae in some crops in the southeast. Harvest of **summer squash** slowed. **Watermelon** harvest progressed with good size and quality in some areas. **Winter squash** harvest began in light amounts in the southwest. **Sweet corn** harvest also continued with noticeable corn borer and earworm damage in the southwest. **Tomato** harvest for processing and fresh market continued with good quality.

Soil moisture for week ending 09/10/06

Stratum	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	6	24	67	3
Subsoil	5	31	62	2

Crop progress for week ending 09/10/06

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	84	76	75	67
All hay, fourth cutting	20	17	17	8
Apples, harvested	16	7	19	NA
Blueberries, harvested	95	92	99	99
Corn, dough	96	93	98	84
Corn, dent	84	69	84	53
Corn, mature	15	10	27	10
Corn silage, harvested	37	30	45	24
Dry beans, dropping leaves	93	86	74	46
Dry beans, harvested	20	7	15	7
Peaches, harvested	75	69	88	95
Potatoes, harvested	25	20	28	NA
Soybeans, turning leaves	55	27	76	48
Soybeans, dropping leaves	15	3	37	16

Crop condition for week ending 09/10/06

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
All Hay	1	9	23	48	19
Corn	1	4	17	56	22
Dry beans	2	6	8	82	2
Pasture	2	14	31	45	8
Soybeans	1	5	21	54	19

Percent of Fall season (1961-1990) in which first freeze occurred on or before the date (mo/day) given in the table

Station	90%	70%	50%	30%	10%
Alma	10/24	10/15	10/08	10/20	9/25
Alpena	10/07	9/29	9/24	9/18	9/08
Bad Axe	10/28	10/19	10/13	10/06	9/27
Caro	10/06	9/27	9/23	9/17	9/07
Chatham	10/06	9/25	9/17	9/08	8/24
Coldwater	10/17	10/10	10/05	9/30	9/23
Eau Claire	11/05	10/28	10/22	10/16	10/07
Grand Rapids	10/24	10/15	10/09	10/03	9/25
Hesperia	10/12	10/03	9/26	9/20	9/11
Lansing	10/15	10/08	10/03	9/27	9/19
Lapeer	10/16	10/06	9/28	9/19	9/03
Monroe	11/02	10/26	10/20	10/15	10/06
Saginaw	10/30	10/22	10/16	10/10	10/02
Sandusky	10/25	10/16	10/09	9/30	9/16
S.S. Marie	10/12	10/02	9/25	9/18	9/08
Standish	10/12	10/01	9/24	9/16	9/05
Stephenson	9/29	9/23	9/18	9/12	9/03
Traverse City	10/20	10/10	10/02	9/25	9/13

**Michigan Weather Summary for Week Ending 09/10/06 <sup>1</sup>**

Station	Temperature			Cumulative growing degree days <sup>2</sup>			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	79	30		2,110	2,132		0.55	0.55	2.07	13.39		
Marquette	82	30		1,931	2,044		0.47	0.47	2.58	14.64		
Stephenson	85	37		2,179	2,229		0.98	0.98	2.63	12.87		
<b>Western UP</b>	85	30	-2	2,057	2,105	1,765	0.60	0.60	2.15	14.06	17.62	3.58
Cornell	83	34		2,086	2,129		1.02	1.03	2.22	16.12		
Sault St Marie	79	40		1,966	2,006		0.26	0.26	1.37	10.17		
<b>Eastern UP</b>	83	29	0	1,956	1,979	1,556	0.51	0.51	2.75	14.44	16.49	3.55
Beulah	78	41		2,296	2,442		0.35	0.35	5.32	17.72		
Lake City	79	36		2,147	2,210		0.39	0.41	3.66	20.63		
Old Mission	82	37		2,221	2,307		0.25	0.25	2.14	10.56		
Pellston	80	31		2,170	2,231		0.07	0.07	0.76	11.91		
<b>Northwest</b>	82	31	-1	2,157	2,255	1,998	0.30	0.30	2.67	15.04	15.42	3.66
Alpena	81	38		2,209	2,145		0.29	0.38	3.16	15.43		
Houghton Lake	79	34		2,217	2,275		0.37	0.37	2.67	15.09		
Rogers City	79	36		2,153	2,225		0.41	0.43	2.62	11.63		
<b>Northeast</b>	82	34	-1	2,203	2,224	1,935	0.37	0.40	2.71	14.56	15.47	3.47
Fremont	81	44		2,467	2,574		0.36	0.39	0.54	15.24		
Hart	81	45		2,315	2,457		0.23	0.25	0.42	17.47		
Muskegon	79	51		2,507	2,645		0.75	0.87	1.12	14.96		
<b>West Central</b>	81	40	-1	2,395	2,521	2,178	0.43	0.47	0.91	14.52	15.79	3.19
Alma	82	45		2,507	2,551		0.18	0.30	1.53	17.29		
Big Rapids	82	45		2,432	2,407		0.13	0.25	0.97	18.42		
<b>Central</b>	82	45	-1	2,466	2,470	2,249	0.19	0.31	1.34	17.51	16.69	3.09
Bad Axe	84	42		2,376	2,530		0.15	0.31	1.08	14.19		
Pigeon	83	40		2,340	2,350		0.24	0.46	1.56	12.59		
Saginaw	83	45		2,513	2,521		0.15	0.26	3.09	16.31		
Standish	83	39		2,312	2,305		0.39	0.43	1.36	17.34		
<b>East Central</b>	84	39	-3	2,357	2,451	2,249	0.28	0.40	1.93	15.59	14.84	2.70
Fennville	79	50		2,411	2,637		0.03	1.03	2.28	14.70		
Grand Rapids	83	51		2,685	2,777		0.33	0.96	1.41	17.49		
Holland	82	50		2,646	2,730		0.22	0.85	0.98	8.34		
South Bend, IN	81	53		2,720	2,935		0.76	2.83	3.94	24.30		
Watervliet	82	50		2,622	2,803		0.25	1.44	2.74	15.27		
<b>Southwest</b>	83	48	-3	2,593	2,742	2,446	0.22	1.24	2.14	15.00	16.97	3.26
Belding	84	47		2,460	2,531		0.74	0.88	1.35	14.30		
Coldwater	82	51		2,514	2,658		0.34	0.98	2.22	15.27		
Lansing	81	52		2,589	2,782		0.38	0.86	2.47	16.00		
<b>South Central</b>	84	47	-2	2,559	2,712	2,405	0.32	0.73	1.51	14.82	16.95	2.79
Detroit	83	55		2,871	2,951		0.10	1.09	1.66	17.38		
Flint	82	49		2,482	2,650		0.76	0.93	1.62	18.97		
Romeo	84	47		2,613	2,609		0.41	1.08	2.73	16.95		
Tipton	83	51		2,566	2,722		0.12	0.86	2.09	16.86		
Toledo, OH	84	52		2,841	2,903		0.00	0.84	2.30	21.11		
<b>Southeast</b>	84	46	-2	2,616	2,766	2,402	0.39	1.10	2.61	18.33	16.23	2.43

<sup>1</sup> 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.

<sup>2</sup> 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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