

# Michigan Crop-Weather

## Rain and Heat Continue

Five days were suitable for fieldwork during the week ending August 6, according to the USDA, NASS, Michigan Field Office. Precipitation amounts ranged from 0.93 inches in the central Lower Peninsula to 2.16 inches in the eastern Upper Peninsula. Average temperatures ranged from 8 degrees above normal in the Upper Peninsula, to 11 degrees above normal in the northeastern Lower Peninsula. Plentiful rain and above normal temperatures helped crop growth. A farmer in the east central mentioned that, "It was another hot and rainy week. My rain gauge shows 10.8 inches for the month of July." A farmer in the northwest said that, "Rain of 1 to 3 inches and normal temperatures returning. Crops are ahead of normal and look good."

### Field Crops

Across the State, temperatures were high and rainfall was abundant. **Corn** continued to grow and some fields are beginning to dough. This was another good growing week. **Soybean** fields were setting pods. Second and third cuttings of **hay** continued when the ground was dry enough. Growth was good. **Wheat** harvest was wrapping up. **Oat** harvest continued. **Barley** was in good condition. Most **dry beans** were setting pods. **Sugarbeet** growth continued.

## Fruit

Fruit producers across the State noted a rapid accumulation of growing degree days generated by the by heat. Rainfall during the past week reduced drought stress, but the heat put high demand on water needs for plants. Oriental fruit moth and codling moth trap catch numbers increased in **apple** blocks. Apple maggots were caught for the first time this year in the northwest. Apple harvest continued in the southeast. **Peach** harvest was underway in the southern areas. Split pits were common in early varieties. Harvest of Red Havens began last week. Warm and wet weather increased the risk of brown spot. **Plum** harvest continued throughout the week. **Sweet cherry** harvest was complete, and **tart cherry** harvest was nearing completion in the northwest. Quality was compromised last week as the hot weather softened fruit. **Blueberry** harvest continued in the southwest and southeast. **Grapes** were past berry touch in the south. In the northwest, producers were side hedging or topping to reduce shading in the canopy. In general, the grape crop looks very good in the northwest. Experts note that fruit set varied widely across the area, especially in areas that suffered hail damage. Growers were concerned with the onset of powdery mildew.

## Vegetables

Vegetable crops continued to advance across the State due to the hot temperatures. **Summer squash** and **zucchini** harvest continued at a fast pace due to the warm weather. **Cucumber** harvest continued with virus symptoms still showing in some fields. **Carrot** harvest began in some areas. **Celery** harvest was well underway. **Cabbage** growth advanced slowly due to the hot weather. **Onion** crops continued to progress well with good size. **Pumpkin** plants were growing rapidly and still setting fruit. Some pumpkins were beginning to show color. **Potato** harvest progressed. **Sweet corn** harvest was well underway with very good quality in the fields. **Pepper** harvest continued in many areas. **Tomatoes** for processing growth were progressing well while fresh market harvest continued with large volume. Several growers noted that tomatoes were ripening slower than normal.

**Soil moisture for week ending 08/06/06**

Stratum	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	1	12	67	20
Subsoil	4	16	68	12

**Crop condition for week ending 08/06/06**

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	7	23	49	20
Barley	2	19	35	38	6
Corn	1	7	17	53	22
Dry beans	1	8	20	59	12
Oats	1	7	19	53	20
Pasture	2	16	25	40	17
Soybeans	1	6	25	54	14

**Crop progress for week ending 08/06/06**

Crop	This week	Last week	Last year	5-year average
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>
Corn, height	77	72	76	71
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
All hay, second cutting	75	72	81	75
All hay, third cutting	24	14	23	12
Blueberries, harvested	44	33	57	NA
Corn, silked	94	84	96	81
Corn, dough	22	4	18	7
Dry beans, blooming	98	84	92	69
Dry beans, setting pods	66	35	67	35
Oats, turning yellow	96	91	100	96
Oats, harvested	53	16	70	42
Peaches, harvested	24	10	37	NA
Potatoes, harvested	6	5	6	NA
Soybeans, blooming	89	80	95	86
Soybeans, setting pods	64	42	76	52
Tart cherries, harvested	88	84	99	NA
Winter wheat, harvested	98	94	98	97

**Michigan Weather Summary for Week Ending 08/06/06 <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	97	54		1,561	1,554		2.58	3.43	4.73	12.34		
Marquette	96	55		1,427	1,439		1.21	1.59	2.38	11.94		
Stephenson	98	56		1,596	1,577		2.21	4.11	4.30	10.85		
<b>Western UP</b>	99	53	8	1,506	1,495	1,227	1.99	2.89	4.26	11.92	13.13	3.69
Cornell	97	59		1,513	1,479		2.54	3.67	4.67	13.91		
Sault St Marie	90	57		1,431	1,419		1.47	2.85	3.52	8.23		
<b>Eastern UP</b>	97	53	8	1,416	1,378	1,046	2.16	3.00	3.78	11.64	12.29	3.53
Beulah	95	61		1,656	1,734		1.00	2.55	3.21	11.89		
Lake City	94	60		1,584	1,622		1.31	2.55	3.32	16.96		
Old Mission	101	61		1,608	1,631		0.90	1.82	2.08	8.42		
Pellston	94	56		1,616	1,623		2.25	3.66	4.36	11.00		
<b>Northwest</b>	101	56	10	1,576	1,619	1,392	1.22	2.75	3.27	12.39	11.58	3.11
Alpena	98	62		1,645	1,546		1.34	2.95	4.11	12.26		
Houghton Lake	95	59		1,653	1,664		1.20	2.12	2.63	12.65		
Rogers City	96	62		1,613	1,582		1.24	2.24	2.95	10.00		
<b>Northeast</b>	98	55	11	1,645	1,614	1,345	1.25	2.39	3.32	11.99	11.69	3.12
Fremont	92	62		1,773	1,840		1.11	1.67	5.16	15.11		
Hart	92	62		1,660	1,763		1.21	3.14	5.12	16.92		
Muskegon	89	70		1,772	1,878		1.54	1.76	4.85	13.81		
<b>West Central</b>	98	61	10	1,720	1,799	1,526	1.12	1.80	3.86	13.66	11.60	3.60
Alma	96	65		1,846	1,826		0.85	1.10	5.53	15.41		
Big Rapids	96	65		1,816	1,745		0.82	1.03	5.24	17.17		
<b>Central</b>	96	63	10	1,822	1,778	1,595	0.93	1.19	5.61	16.01	12.59	3.64
Bad Axe	95	66		1,745	1,744		1.62	2.84	5.25	13.16		
Pigeon	94	62		1,745	1,656		1.01	1.29	2.66	11.01		
Saginaw	97	66		1,823	1,780		0.82	1.48	3.52	13.22		
Standish	96	62		1,709	1,648		1.74	2.73	4.18	15.98		
<b>East Central</b>	97	62	9	1,731	1,726	1,580	1.23	1.89	4.47	13.66	11.52	2.93
Fennville	93	63		1,720	1,878		0.51	0.76	3.86	12.42		
Grand Rapids	95	69		1,944	1,959		0.99	4.08	7.17	16.05		
Holland	94	69		1,885	1,944		0.45	1.08	2.82	7.36		
South Bend, IN	94	68		1,974	2,087		1.75	4.32	10.16	20.35		
Watervliet	94	68		1,897	1,993		1.23	2.18	5.24	12.41		
<b>Southwest</b>	99	63	9	1,877	1,953	1,719	1.07	2.20	4.85	11.95	13.47	3.18
Belding	95	63		1,804	1,807		1.34	1.52	4.96	12.95		
Coldwater	94	63		1,838	1,881		1.25	2.29	4.25	13.02		
Lansing	94	67		1,896	1,953		1.48	3.57	5.37	13.53		
<b>South Central</b>	96	63	9	1,869	1,920	1,703	1.06	1.94	4.01	12.73	13.28	3.36
Detroit	97	70		2,085	2,059		0.68	2.86	4.58	15.72		
Flint	95	65		1,813	1,864		2.35	3.37	5.81	17.35		
Romeo	96	67		1,912	1,816		1.06	2.07	4.41	14.43		
Tipton	95	66		1,852	1,916		0.25	0.75	2.50	14.05		
Toledo, OH	95	68		2,060	2,047		0.98	4.29	6.33	19.45		
<b>Southeast</b>	97	62	9	1,908	1,944	1,682	1.24	2.45	4.78	15.78	12.80	3.12

<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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