



# Michigan Crop Weather

## Cooler Temperatures

Five days were suitable for fieldwork during the week ending June 10, according to the USDA, NASS, Michigan Field Office. Precipitation amounts ranged from 0.12 inches in the central Lower Peninsula to 1.03 inches in the northeast Lower Peninsula. Average temperatures ranged from 4 degrees below normal in the west central Lower Peninsula to normal in the western Upper Peninsula. The week was cooler than normal but the temperatures did not hinder crop progress. There was little rainfall seen across most of the State. A farmer in the northwest mentioned that, "Some rain over the last weekend but we are still very short of moisture for crops. Some very hot, muggy days have dried out the ground." Another farmer in the west central said that, "A lot of progress was made this week with first cutting hay but it was not a good week for spraying with three days of high winds."

## Field Crops

Variable weather conditions continued across the State. Most areas received rainfall, although precipitation amounts varied. **Corn** growth advanced in humid weather. Corn condition varied but remained generally good. Nitrogen and herbicides were applied. **Soybean** growth was slow. Nearly all soybeans were planted with a few fields remaining to be planted. There were reports of bean leaf beetles and aphids in some areas. **Oats** continued to progress well. **Dry bean** planting continued. **Alfalfa** harvest was slowed in some areas by persistent rains. Alfalfa weevil feeding continued. Growers are advised to be watchful of potato leafhoppers in re-growth. **Sugarbeets** continued to progress well with good stands. **Winter wheat** continued to look good.

Soil moisture for week ending 06/10/07

Stratum	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	5	18	71	6
Subsoil	2	13	81	4

Crop condition for week ending 06/10/07

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	8	33	44	14
Barley	0	3	33	62	2
Corn	0	2	14	55	29
Oats	1	2	27	55	15
Pasture	0	5	24	53	18
Soybeans	0	2	25	54	19
Winter Wheat	2	5	29	45	19

## Fruit

**Apples** ranged from 15 mm in the northwest to .75 to 1.25 inches in the southwest, where fire blight symptoms were observed. Apple scab infection occurred in most regions. **Blueberries** had 10 to 12 mm green fruit. **Peaches** were about 1 inch in diameter; hand thinning continued. The west central area reported a full crop. **Pears** were 15 to 25 mm in diameter across the State. **Plums** ranged from 13 mm in the northwest to 22 mm in diameter in the southeast. **Tart cherries** were 12 to 13 mm in the northwest and were yellowing in the southwest. Cherry leaf spot infections were widespread in the northwest. **Sweet cherries** ranged from 12 to 13 mm in the northwest to 21 mm in diameter in the southeast. Concord **grape** blooming ended in the southwest, and vinifera blooming began. Phomopsis lesions were found on leaves and shoots. **Strawberry** harvest began in parts of the southeast region.

## Vegetables

The vegetable crops were in good condition. There were reports of sand damage due to high winds late last week. **Carrot** planting was winding down and should be finished this week or next week. **Asparagus** harvest continued, except in the southwest where harvest was completed. In west central Michigan, common asparagus beetles continued to affect some fields. **Celery** planting and growth continued on schedule. The **cabbage** crop was excellent. Harvest of early planted cabbage was expected to start next week. **Potato** development in the southeast varied from just emerged to developing tubers. Most reports on **sweet corn** height were over 12 inches. There were reports of Stewart's bacterial wilt and European corn borers in some fields. **Watermelon** and **cantaloup** transplanting continued. **Pumpkin** planting continued. In the southeast, **yellow squash** and **zucchini** were beginning to flower. The earliest tunnel planted crop was at first harvest. **Cucumbers** planted in tunnels continued to flower. **Tomato, pepper** and **eggplant** transplanting continued. Early planted tomatoes were beginning to bloom. Growth of **onions** slowed this past week. Early planted **snap beans** were budding. Growers were monitoring for pests.

Crop progress for week ending 06/10/07

Crop	This week	Last week	Last year	5-year average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
All hay, first cutting	50	29	49	41
Asparagus, harvested	75	69	76	78
Barley, emerged	98	88	98	94
Corn, emerged	98	85	94	86
Dry beans, planted	34	6	46	30
Oats, headed	26	5	33	NA
Potatoes, planted	97	88	96	NA
Potatoes, emerged	80	58	82	NA
Soybeans, planted	96	87	90	86
Soybeans, emerged	86	64	77	67
Strawberries, harvested	36	5	NA	NA
Winter wheat, headed	97	77	95	76

**Michigan Weather Summary for Week Ending 06/10/07 <sup>1</sup>**

Station	Temperature			Cumulative growing degree days <sup>2</sup>			Precipitation					
	Maximum	Minimum	Departure from normal	2007	2006	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
											Since April 1	For month
Ironwood	82	37		549	544		0.77	1.25	2.01	4.66		
Marquette	86	36		512	484		0.37	0.47	1.20	7.20		
Stephenson	79	40		583	599		2.44	2.67	3.36	5.01		
<b>Western UP</b>	86	36	0	543	514	413	0.84	1.31	1.95	4.48	6.70	3.61
Cornell	77	42		513	514		1.47	1.88	2.08	3.86		
Sault St Marie	78	35		492	462		0.79	0.91	3.05	4.80		
<b>Eastern UP</b>	80	32	-1	478	465	302	1.00	1.23	2.60	6.11	6.34	3.26
Beulah	87	40		618	607		1.12	3.02	3.62	7.23		
Lake City	88	33		578	585		1.51	2.64	3.26	7.86		
Old Mission	88	36		577	568		0.51	0.62	1.68	3.26		
Pellston	91	30		600	590		0.59	1.22	1.69	3.72		
<b>Northwest</b>	91	30	-1	576	560	488	0.88	1.60	2.42	5.25	6.22	3.03
Alpena	90	38		588	567		0.42	1.83	2.44	6.87		
Houghton Lake	87	33		624	615		1.22	2.11	2.99	7.10		
Rogers City	88	35		600	558		0.96	2.16	3.07	6.86		
<b>Northeast</b>	90	29	-1	608	599	462	1.03	2.14	3.06	7.14	6.17	2.90
Fremont	88	36		675	666		0.23	0.54	1.17	7.22		
Hart	88	35		637	590		0.46	0.55	1.42	5.39		
Muskegon	88	38		674	616		0.23	0.71	1.40	6.54		
<b>West Central</b>	88	34	-4	661	629	555	0.45	0.86	1.57	6.60	6.85	2.94
Alma	90	41		730	721		0.06	1.24	2.23	7.41		
Big Rapids	91	37		685	636		0.11	0.15	1.04	4.72		
<b>Central</b>	91	37	-1	702	678	600	0.12	0.84	1.63	5.94	6.89	3.36
Bad Axe	90	42		618	641		0.80	1.02	2.31	5.96		
Pigeon	90	42		613	655		0.83	1.76	3.55	6.83		
Saginaw	92	41		725	674		0.47	1.20	2.31	6.59		
Standish	89	36		647	651		0.61	1.22	2.77	6.99		
<b>East Central</b>	92	35	-1	628	664	579	0.50	1.21	2.60	6.55	6.15	3.08
Fennville	91	38		688	602		0.04	0.50	1.86	6.54		
Grand Rapids	90	42		776	709		0.29	2.61	3.46	8.05		
Holland	94	40		782	670		0.31	0.64	1.54	6.47		
South Bend, IN	91	41		870	733		0.38	0.97	2.67	7.15		
Watervliet	91	41		767	693		0.15	1.13	2.67	7.02		
<b>Southwest</b>	94	34	-3	769	682	643	0.18	1.10	2.62	7.21	7.57	3.55
Belding	89	36		698	679		0.18	1.43	2.24	6.14		
Coldwater	89	39		723	693		0.18	1.44	3.21	7.23		
Lansing	89	41		737	702		0.11	1.07	3.02	7.28		
<b>South Central</b>	91	36	-3	723	726	644	0.15	1.52	3.17	7.49	7.20	3.57
Detroit	91	47		797	786		0.05	1.29	2.68	6.23		
Flint	90	40		728	685		0.50	2.36	4.06	9.32		
Romeo	90	43		685	727		0.70	2.93	5.34	10.12		
Tipton	90	43		744	731		0.03	1.35	2.84	7.87		
Toledo, OH	92	48		822	795		0.57	2.61	3.14	9.64		
<b>Southeast</b>	92	37	-1	735	745	615	0.34	1.73	3.15	7.29	7.04	3.36

<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.

USDA, NASS, Michigan Field Office  
 P.O. Box 26248  
 Lansing, Michigan 48909-6248  
 (517) 324-5300 FAX (517) 324-5299  
 E-mail: [nass-mi@nass.usda.gov](mailto:nass-mi@nass.usda.gov)