

Michigan Crop-Weather

Above Normal Temperatures

Four days were suitable for fieldwork during the week ending June 4, according to the USDA, NASS, Michigan Field Office. Precipitation amounts ranged from 0.25 inches in the northwest Lower Peninsula to 1.05 inches in the east central Lower Peninsula. Average temperatures ranged from 7 degrees above normal in the southwest Lower Peninsula to 10 degrees above normal in the eastern Upper Peninsula and northeast and central Lower Peninsula. The warmer temperatures helped emergence and improved crop conditions. A farmer in the south central mentioned that, "The few bright sunny days really have given the corn a boost and it was greening up quickly." A farmer in the east central mentioned that, "Crop development improved last week due to warm temperatures and adequate soil moisture. Some areas with excessive rainfall were still struggling to dry out."

Field Crops

Warm temperatures improved conditions for most crops. Some replanting was done where early planted crop emergence was low. **Corn** plant color improved with warm temperatures. **Soybean** planting advanced. First cuttings of **hay** were underway in most areas. There were several reports of alfalfa weevil above the threshold. **Oats** and **barley** were growing rapidly. Most of the **wheat** was in the flowering stage with the remaining flowering in the next few days. Progress on **dry bean** planting was slowed due to wet field conditions. **Sugarbeet** conditions vary depending on the amount and timing of rains in May. There were some weed concerns where farmers were not able to spray due to wet conditions.

Soil moisture for week ending 06/04/06

Stratum	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	0	3	70	27
Subsoil	1	5	76	18

Crop condition for week ending 06/04/06

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	5	24	42	28
Barley	0	11	23	32	34
Corn	1	9	37	39	14
Oats	0	3	14	62	21
Pasture	1	6	21	42	30
Soybeans	0	6	35	45	14
Winter Wheat	0	3	15	60	22

Fruit

Apple fruit vary in size across the state. Thinning activities began and insect activity was on the rise last week. Coddling moth, plum curculio, and apple scab lesions were found in orchards. Apples in the southwest were 16 to 20 mm in diameter. Southeastern varieties ranged from 11 to 18 mm. Those in the northwest grew to 9 mm. **Peaches** were about 25 mm in the southwest, where oriental fruit moth trap catches were high. Tarnished plant bugs and lesser peach tree borer were also caught. Southeastern peaches were mostly 12 to 14 mm. **Pears** size grew to the range of 11 to 18 mm in the southeast. Pear psylla nymphs were common in southwestern orchards. **Plums** were falling and the crop looked good in the southwest. Southeastern plums were mostly 11 to 14 mm. Southwestern **tart and sweet cherries** were past pit hardening. Southeastern tart cherries ranged from 11 to 13 mm. Cherry leaf spot, bacterial canker, and black cherry aphids were found. **Sweet cherries** were at 14 mm in the southeast. Primary **grape** shoots in the southwest began blooming. Southeastern grapes were mostly 16 inches in length with some berry elongation taking place. Grapes grew rapidly to nearly 12 inches in the northwest with the onset of warmer temperatures and moisture. **Strawberry** fields in the southwest had thimble-sized fruit, and harvest began in early fields and fields under plastic. Southeastern strawberry varieties ranged from bloom up to 1 inch in diameter. **Blueberries** continued to bloom.

Vegetables

Vegetable growers continued to progress with planting various crops throughout the State. **Asparagus** harvest continued at a much faster pace due to the warmer temperatures. Transplanting of **tomatoes, summer squash, zucchini** and **cucumbers** was in full swing. **Carrot** and **celery** planting continued and the crops looked good. Early plantings of **cabbage** were developing heads in some areas. **Pepper** and **snap bean** planting continued. **Pumpkins** continued to be seeded. Early planted **potatoes** were fully budded with some flowers showing. **Sweet corn** continued to emerge and the color continued to improve.

Crop progress for week ending 06/04/06

Crop	This week	Last week	Last year	5-year average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
All hay, first cutting	33	12	37	20
Asparagus, harvested	62	53	75	72
Barley, emerged	95	87	100	88
Corn, planted	97	92	100	92
Corn, emerged	87	66	89	73
Dry beans, planted	15	2	23	10
Oats, headed	21	NA	22	NA
Potatoes, planted	93	84	94	NA
Potatoes, emerged	64	50	62	NA
Soybeans, planted	82	69	96	75
Soybeans, emerged	65	36	66	47
Strawberries, harvested	1	NA	NA	NA
Winter wheat, headed	92	36	48	47

Michigan Weather Summary for Week Ending 06/04/06 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	91	41		479	414		0.27	1.16	4.73	6.12		
Marquette	93	40		420	363		0.43	1.04	6.71	8.08		
Stephenson	89	40		524	455		0.74	2.00	4.81	6.18		
Western UP	93	37	9	455	390	341	0.30	1.21	4.77	6.16	5.96	3.61
Cornell	88	43		440	355		0.12	1.50	4.63	6.46		
Sault St Marie	89	44		400	327		0.00	0.09	2.97	4.31		
Eastern UP	92	39	10	407	333	240	0.54	1.06	4.67	6.26	5.76	3.26
Beulah	90	47		526	486		0.28	0.59	3.91	6.37		
Lake City	90	48		509	432		0.37	2.32	5.53	9.27		
Old Mission	92	44		504	419		0.09	0.95	3.17	4.87		
Pellston	92	40		506	421		0.20	0.82	4.00	5.75		
Northwest	92	40	8	488	420	405	0.25	1.13	4.06	6.44	5.63	3.03
Alpena	93	48		480	363		0.60	0.99	3.89	5.65		
Houghton Lake	90	42		534	438		0.27	1.60	4.08	6.16		
Rogers City	93	46		510	385		0.57	1.13	3.95	6.07		
Northeast	95	42	10	518	424	378	0.53	1.18	4.09	6.28	5.60	2.90
Fremont	89	48		572	534		0.39	0.47	3.55	7.49		
Hart	88	45		518	491		1.80	1.88	4.75	8.14		
Muskegon	87	52		530	504		0.52	0.75	4.02	7.45		
West Central	93	44	8	536	504	462	0.76	1.10	3.95	7.43	6.24	2.94
Alma	91	48		612	534		0.73	1.73	4.99	7.54		
Big Rapids	90	47		607	491		0.71	1.71	4.39	6.74		
Central	91	47	10	604	510	501	0.78	1.69	4.70	7.31	6.30	3.36
Bad Axe	92	55		542	435		1.55	2.00	3.71	5.86		
Pigeon	92	54		556	426		0.68	1.12	4.20	6.60		
Saginaw	88	52		572	452		0.96	1.29	5.95	8.44		
Standish	93	46		560	438		0.77	1.44	6.42	9.55		
East Central	94	46	9	538	448	480	1.05	1.62	4.70	7.06	5.58	3.08
Fennville	89	48		526	542		0.46	0.52	4.58	7.33		
Grand Rapids	91	49		611	551		2.52	2.52	5.72	8.37		
Holland	90	51		578	551		0.42	0.45	1.60	4.29		
South Bend, IN	91	50		636	636		0.99	1.44	4.88	7.88		
Watervliet	92	49		603	586		0.66	0.79	3.57	5.79		
Southwest	96	45	7	594	580	539	0.64	0.77	3.47	5.96	6.84	3.55
Belding	91	45		585	515		0.42	0.56	3.41	6.30		
Coldwater	92	48		615	524		0.77	1.04	3.68	5.60		
Lansing	90	49		612	547		0.08	0.47	4.28	6.58		
South Central	93	45	8	612	562	540	0.75	1.00	3.69	6.03	6.56	3.57
Detroit	92	56		677	559		1.72	2.05	5.53	9.03		
Flint	90	54		596	516		0.06	1.05	4.93	7.54		
Romeo	93	54		623	497		0.31	0.46	3.50	6.78		
Tipton	92	55		640	571		1.69	2.56	5.79	7.74		
Toledo, OH	90	56		695	581		0.53	1.35	5.68	8.02		
Southeast	94	50	9	642	548	514	0.51	1.17	4.63	7.37	6.49	3.36

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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