

Michigan Crop-Weather

Cool Temperatures

Five days were suitable for fieldwork during the week ending June 11, according to the USDA, NASS, Michigan Field Office. Precipitation amounts ranged from 0.07 inches in the northeast Lower Peninsula to 0.98 inches in the northwest Lower Peninsula. Average temperatures ranged from 5 degrees below normal in the west central Lower Peninsula to 1 degree below normal in the eastern and western Upper Peninsula. The cool temperatures slowed crop development and affected crop conditions. A farmer in the northwest mentioned that, "Extreme weather changes day-to-day were a concern. Crop development was slowed while insect and disease pressures continued to build. It was difficult to assess crop conditions." A farmer in the south central mentioned that, "With good moisture and temperatures, corn and soybeans were making good growth."

Field Crops

Corn replanting was completed in fields damaged by heavy rains. Some corn remains yellow with weak stands. **Soybean** planting was wrapping up. Early plantings have emerged and few pest problems were reported. First cuttings of **hay** were completed in some areas. Significant damage from alfalfa weevils was reported. **Oats** and **barley** were growing rapidly. **Wheat** finished flowering. Powdery mildew and septoria were still a problem in some areas. **Dry bean** planting continued. **Sugarbeet** fields were uneven in growth and in fair condition. Weeds were a problem in many fields because chemicals were applied in wet conditions.

Fruit

Reporters across the State last week indicated that **apple** size varied considerably by varieties. Coddling moth trap counts were up dramatically. Apples in the southwest were 20 to 25 mm in diameter. Southeastern varieties ranged from 22 to 26 mm. Producers were finishing their thinning activities. **Peaches** were about 32 mm in the southwest, where plum curculio and tarnished plant bug damage was easy to find. The southeastern peach crop looked good, and size increased to 25 mm, with no pit hardening. **Pear** fruit were 18 mm in the southwest and mostly 21 to 25 mm in the southeast. **Plums** were 18 mm and pit hardening had begun in the southwest. Southeastern plums were mostly 17 to 20 mm. **Tart cherries** were 14 mm in the southwest and southeast. Cherry leaf spot was found in the southeast and northwest. Bird feeding began in the southwest, where **sweet cherries** were 18 mm. Summit cherries were beginning to show color. Leaf spotting and water-soaked spots on cherries from bacterial canker were fairly common on Schmidt and Hardy Giant varieties. In the southeast, sweet cherries were 14 to 17 mm with excellent color on maturing fruit. Bacterial canker was found in high levels in northwestern tart and sweet cherries. **Grape** vineyards were greening up. Primary grape shoots in the southwest were blooming, and secondary shoots grew to 8 inches. Southeastern grapes were near berry separation. **Strawberry** fields in the southwest were showing color and harvest began. Southeastern strawberry harvest began in the very southern part of the area for wholesale and ready picked berries. Producers were expecting a longer harvest window this year in the southeast. **Blueberries** were ending petal fall with prospects for a good crop in the southwest. In the southeast, blueberries were toward the end of bloom to fruit set.

Vegetables

Vegetable planting neared completion throughout the State. **Asparagus** harvest continued with some disease and insect damage showing in the crop. Transplanting of **tomatoes**, **summer squash**, **zucchini** and **cucumbers** continued with some flowers showing. **Carrot** plants were sizing up and cover crops were being sprayed. **Celery** planting continued. Established plants were growing at a fast pace. Early plantings of **cabbage** continued to progress nicely. **Pepper** planting continued. **Snap beans** continued to emerge. **Pumpkin** seeding continued. Early plantings of **potatoes** were beginning to bloom. **Sweet corn** continued to emerge and looked good in color.

Soil moisture for week ending 06/11/06

Stratum	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	1	12	69	18
Subsoil	1	8	76	15

Crop condition for week ending 06/11/06

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	4	25	47	23
Barley	0	8	32	36	24
Corn	2	8	29	51	10
Oats	1	2	18	61	18
Pasture	2	5	23	49	21
Soybeans	1	6	29	54	10
Winter Wheat	1	3	14	56	26

Crop progress for week ending 06/11/06

Crop	This week	Last week	Last year	5-year average
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>
Corn, height	8	NA	7	NA
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
All hay, first cutting	52	33	62	38
Asparagus, harvested	78	62	86	82
Corn, emerged	95	87	98	87
Dry beans, planted	51	15	52	27
Oats, headed	35	21	35	16
Potatoes, planted	97	93	98	NA
Potatoes, emerged	85	64	76	NA
Soybeans, planted	91	82	99	86
Soybeans, emerged	79	65	92	69
Strawberries, harvested	5	1	23	NA
Winter wheat, headed	95	92	91	81

Michigan Weather Summary for Week Ending 06/11/06 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	82	30		554	532		0.63	0.90	2.07	6.75		
Marquette	83	35		489	487		0.71	1.14	2.17	8.79		
Stephenson	83	34		608	584		0.16	0.90	2.49	6.34		
Western UP	84	30	-1	531	507	424	0.63	0.93	2.13	6.79	6.87	3.61
Cornell	82	38		517	482		0.42	0.54	2.31	6.88		
Sault St Marie	80	40		467	446		0.02	0.02	1.36	4.33		
Eastern UP	85	37	-1	471	450	311	0.34	0.88	2.23	6.59	6.49	3.26
Beulah	80	39		610	646		0.64	0.92	1.67	7.01		
Lake City	80	38		593	591		0.93	1.30	3.87	10.20		
Old Mission	81	38		580	572		0.83	0.92	2.51	5.70		
Pellston	81	30		599	571		0.05	0.25	2.39	5.80		
Northwest	81	30	-4	568	574	502	0.98	1.31	3.08	7.49	6.36	3.03
Alpena	83	40		575	499		0.00	0.60	2.32	5.65		
Houghton Lake	80	33		624	599		0.13	0.40	2.19	6.29		
Rogers City	82	37		602	507		0.09	0.66	2.34	6.16		
Northeast	84	33	-2	612	572	475	0.07	0.59	2.39	6.35	6.27	2.90
Fremont	83	39		672	710		1.23	1.62	1.98	8.72		
Hart	78	36		597	664		0.40	2.20	2.61	8.54		
Muskegon	78	45		625	686		0.86	1.38	1.94	8.31		
West Central	83	33	-5	626	677	571	0.55	1.31	1.97	7.98	6.97	2.94
Alma	83	43		720	710		1.02	1.75	3.33	8.56		
Big Rapids	83	43		715	664		1.02	1.73	3.23	7.76		
Central	83	40	-2	711	685	616	0.91	1.69	3.10	8.22	6.99	3.36
Bad Axe	83	41		644	611		0.15	1.70	2.65	6.01		
Pigeon	83	47		662	602		0.02	0.70	1.89	6.62		
Saginaw	81	44		671	636		0.11	1.07	2.56	8.55		
Standish	83	39		659	601		0.16	0.93	2.58	9.71		
East Central	84	39	-2	639	623	595	0.12	1.17	2.52	7.18	6.25	3.08
Fennville	80	44		611	724		0.96	1.42	1.89	8.29		
Grand Rapids	82	45		719	737		0.21	2.73	3.13	8.58		
Holland	81	47		677	739		0.00	0.42	0.69	4.29		
South Bend, IN	82	48		744	825		0.37	1.36	2.35	8.25		
Watervliet	81	47		703	772		0.61	1.27	1.75	6.40		
Southwest	85	44	-4	694	764	660	0.41	1.05	1.59	6.36	7.66	3.55
Belding	83	39		690	693		0.71	1.13	1.70	7.01		
Coldwater	82	43		718	710		0.42	1.19	1.98	6.02		
Lansing	82	42		712	733		0.54	0.62	1.59	7.12		
South Central	83	39	-3	715	742	661	0.40	1.14	1.84	6.42	7.30	3.57
Detroit	83	47		796	751		0.04	1.76	2.96	9.07		
Flint	82	38		694	697		0.09	0.15	2.81	7.63		
Romeo	83	37		734	661		0.24	0.54	1.52	7.01		
Tipton	83	44		746	745		0.26	1.94	3.42	7.99		
Toledo, OH	84	46		805	765		0.22	0.75	3.23	8.24		
Southeast	86	37	-3	748	729	632	0.23	0.74	2.29	7.60	7.16	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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