



Michigan Crop Weather

Warm, Humid, and Stormy

Five days were suitable for fieldwork during the week ending June 8, according to the USDA, NASS, Michigan Field Office. Precipitation varied from 0.37 inches in the eastern Upper Peninsula to 3.89 inches in the southwestern Lower Peninsula. Average temperatures ranged from 2 degrees above normal in the western Upper Peninsula to 7 degrees above normal in the southwestern and southeastern Lower Peninsula. Warm temperatures and rain this week advanced crop development as well as boosted the farmer's spirits. A farmer reported, "The rains this week have helped crops to resume growth that was hindered by the dry weather and the cool nights. This week temperatures have been closer to normal." The warm temperatures and humidity brought some heavy storms through parts of the State this week. "Strong storms beginning Friday brought heavy rains and high winds causing local flooding in poorly drained fields," a farmer in the southwest reported.

Field Crops

Crop growth improved due to the recent warm weather. Most of the **corn** crop had emerged and was developing nicely with the recent weather. Growers were beginning to side dress nitrogen. **Soybean** planting was all but complete, and numerous fields had emerged. Some fields were replanted due to frost damage and emergence problems. **Winter wheat** headed rapidly with the warm days this week. Disease pressure remained fairly low, but dampness increased the risk of fusarium head blight. **Alfalfa** and **other hay** harvest was slowed by rain and storms this past week. Alfalfa weevil damage was observed in some fields. **Dry bean** planting was in full swing with the warmer weather. **Oats** looked good and were just beginning to head. **Barley** was mostly in fair to good condition and had emerged for the most part.

Soil moisture for week ending 06/08/08

Stratum	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	7	13	66	14
Subsoil	3	23	66	8

Crop condition for week ending 06/08/08

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
All Hay	2	8	35	44	11
Barley	0	1	65	32	2
Corn	0	3	24	53	20
Oats	1	4	30	53	12
Pasture	1	8	38	43	10
Soybeans	2	5	35	47	11
Winter Wheat	1	5	33	49	12

Fruit

Apples ranged from 15 to 18 mm in diameter in the south and were at 10 mm in the Grand Rapids area. Damage to apples from the May 28 and 29 frosts in the west central and northwest was extensive and severe. **Peaches** were 15 mm and 19 mm in diameter in the southeast and southwest, respectively. **Pears** were 14 mm in the southwest, as pear psylla activity continued. In the northwest, pears were 9 mm in diameter. **Plums** in the southeast were 15 mm and at shuck split in the northwest. Most of the plum crop in the west central has been lost. **Sweet cherries** were 18 mm in diameter in the southwest and 9 to 10 mm in the northwest. **Tart cherries** were 12 to 14 mm in the southwest, and pits were hard; they were in late shuck split in the northwest. **Strawberry** fields in the southwest had thimble-sized fruit, and harvest began in early fields. In the southeast, strawberries were mostly ending bloom. **Blueberries** were in green fruit stage. Frost damage has been minor. **Raspberries** were in bloom in the southwest and southeast. Wine **grape** shoots were 4 to 8 inches in the northwest; some frost damage was reported. In the southwest, primary shoots on juice grapes were 16 inches, and secondary shoots were 12 inches. Wine grapes began blooming.

Vegetables

High winds and heavy rains covered most vegetable growing areas of the State late in the week. **Asparagus** harvest was winding down and growers were expecting lower yields than previous years. **Celery, radish, leek, and beet** crops were on schedule. Early planted **cabbage** has developed good heads and harvest started in some fields. **Carrots** were at the second to third true-leaf stage, and stands appeared to be thin due to earlier dry weather. **Tomato** planting continued. Stakes were being put in fields and early planted, tunneled fields were suckered and tied. **Sweet corn** responded nicely to warmer temperatures and plants were 10 to 12 inches tall. **Spinach** continued to do well while the planting of **pumpkins** and processing **zucchini** was just underway.

Crop progress for week ending 06/08/08

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	35	27	44	38
Asparagus, harvested	73	55	73	76
Barley, emerged	85	60	95	97
Corn, emerged	96	80	94	85
Dry beans, planted	35	10	26	24
Oats, headed	14	1	20	20
Potatoes, planted	97	88	94	NA
Potatoes, emerged	61	34	74	NA
Soybeans, planted	95	90	93	85
Soybeans, emerged	82	46	80	65
Strawberries, harvested	5	NA	27	16
Winter wheat, headed	85	34	91	74

Michigan Weather Summary for Week Ending 06/08/08 ¹

Station	Temperature			Cumulative growing degree days ²			Precipitation					
	Maximum	Minimum	Departure from normal	2008	2007	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
											Since April 1	For month
Ironwood	81	45		323	517		0.37	1.06	1.66	7.33		
Marquette	86	42		285	483		0.33	0.52	0.85	7.53		
Stephenson	86	46		427	590		0.30	2.11	2.60	8.76		
Western UP	86	39	2	340	506	389	0.38	1.06	1.67	7.17	6.46	3.61
Cornell	82	46		362	498		0.22	0.84	3.08	7.15		
Sault St Marie	82	43		301	466		0.31	0.71	1.92	6.52		
Eastern UP	88	34	4	303	459	282	0.37	0.74	2.07	6.37	6.20	3.26
Beulah	84	49		507	592		2.44	3.41	4.39	9.99		
Lake City	84	45		514	549		3.97	4.24	4.70	8.81		
Old Mission	87	47		463	559		1.39	1.64	2.33	7.06		
Pellston	88	44		458	572		0.52	1.64	3.11	6.90		
Northwest	88	43	5	465	552	460	1.77	2.37	3.30	7.93	6.02	3.03
Alpena	90	46		475	562		1.15	1.50	2.02	5.11		
Houghton Lake	86	46		525	597		5.34	5.56	5.81	8.87		
Rogers City	87	47		487	557		2.23	2.88	3.48	6.81		
Northeast	90	46	6	504	579	434	2.67	3.13	3.61	6.91	5.98	2.90
Fremont	84	45		583	661		3.36	4.22	4.43	8.51		
Hart	83	49		536	609		2.43	3.17	3.42	8.83		
Muskegon	84	48		538	649		3.14	3.97	4.11	7.64		
West Central	84	32	5	549	639	523	3.17	3.92	4.23	8.76	6.66	2.94
Alma	89	50		592	699		1.48	1.72	1.96	4.99		
Big Rapids	89	47		582	623		1.56	2.18	2.52	5.94		
Central	89	47	6	586	661	566	1.61	2.06	2.31	5.35	6.73	3.36
Bad Axe	92	50		562	590		1.91	2.53	2.90	5.62		
Pigeon	92	49		560	585		1.26	1.77	2.26	4.32		
Saginaw	92	51		634	694		1.70	2.29	2.58	4.88		
Standish	89	47		545	615		2.06	2.63	2.99	5.86		
East Central	92	45	6	557	623	545	1.73	2.13	2.48	5.17	5.96	3.08
Fennville	88	49		569	662		6.63	7.31	7.75	12.00		
Grand Rapids	90	51		671	747		4.09	4.58	5.05	9.70		
Holland	89	51		661	749		6.62	7.08	7.76	11.29		
South Bend, IN	90	49		714	840		1.76	2.10	2.87	6.97		
Watervliet	89	49		633	739		3.02	3.40	3.83	8.49		
Southwest	91	43	7	652	735	608	3.89	4.38	4.87	9.49	7.37	3.55
Belding	88	48		607	669		1.91	2.32	2.66	6.59		
Coldwater	91	48		661	697		0.69	1.15	1.49	4.65		
Lansing	92	49		664	708		2.97	2.98	3.27	6.39		
South Central	92	47	6	638	712	609	2.59	2.95	3.35	6.50	7.03	3.57
Detroit	93	53		718	767		1.13	1.57	1.91	3.99		
Flint	93	46		701	700		1.94	2.10	2.38	5.07		
Romeo	92	53		622	653		1.49	2.05	2.31	4.91		
Tipton	92	47		660	717		0.93	1.05	1.58	3.94		
Toledo, OH	93	26		713	793		0.53	0.71	1.25	4.66		
Southeast	93	26	7	658	719	581	1.44	1.85	2.32	5.03	6.89	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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