



National Agricultural Statistics Service
Michigan Statistical Office
Michigan Department of Agriculture

Michigan Crop-Weather



MI-CW3004

David D. Kleweno, Director

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Sunshine Statewide

Six days were suitable for fieldwork during the week ending July 25, according to the USDA-NASS-Michigan Statistical Office. Across much of the State, warm, humid conditions during most of the week were countered by well below normal temperatures over the weekend. The warm weather produced some scattered storms, but total rainfall amounts were highly variable. Several areas were still short on moisture. In the northeast Lower Peninsula, some localized, heavy hail caused extensive but scattered damage. Precipitation amounts ranged from 0.01 inches in the western Upper Peninsula to 1.06 inches in the south central Lower Peninsula. Even with the hot weather early in the week, cool temperature at the end of the week pulled averages to below normal. Temperatures ranged from 2 degrees below normal in the central and southeast Lower Peninsula to 3 degrees below normal across the rest of the State. A reporter in the south central commented, "Hot, hazy, humid weather started out the week, but an inch of rain on Thursday will really help out the corn and beans." Farmers in the northern half of the State were grateful for the warmer weather, saying, "Days were bright and sunny for most of the week. It's been dry for a full week--the first time since April."

Field Crops

Warmer weather prevailed across the State allowing crops to progress nicely over the week. Southern areas received scattered showers, while other districts remained dry. Good drying conditions moved along the second cutting of **hay**. Growers in the west central reported just starting a third cutting. **Corn** looked good but had started to show signs of stress due to the lack of rain in some areas. Tasseling continued throughout the State. **Soybean** growth was highly variable. Progress ranged from pre-bloom to setting pods. **Wheat** harvest continued but moisture levels remained high despite drier weather conditions. Yields were variable and diseases were common. In the north, wheat reached maturity. Rapid growth was reported in **sugarbeets** but *Cercospora* leafspot was confirmed in many areas. **Dry beans** responded well to the warm weather.

Fruit

Tart cherry harvest began in the northwest. Harvest of **sweet cherries** was about half over in the northwest. Tart and sweet cherry harvest overlapped more than normal in the northwest this year because of a light crop of tart cherries and a heavy crop of sweet cherries. Harvest of early **peach** varieties began in the southwest last week. Split pits were problematic. Peach harvest was estimated to be 7 days away in the southeast. In the west central, trapped lesser peach borer numbers had tripled from the previous week. Harvest of stone fruit was ongoing. Harvest began on summer **apples**, such as Lodi, last week in the southwest. Harvest of early variety **blueberries** ended in the southwest, while the first bluecrop picking got underway. In the ridge area, spotty hail damaged some fruit crops. The fire blight trauma situation had passed there. A lack of apple maggot emergence was noted in the southeast, where fruit crops were generally 7 to 10 days ahead of normal development.

Vegetables

With continued warmer temperatures and sunshine, vegetables across the State made good progress. Growers continued to harvest a wide variety of vegetable crops. In the southeast, most fresh market crops were in season, and roadside stands were well stocked. **Sweet corn** harvest was approaching full swing in much of the south. Corn borer damage was very limited. In the southwest, early **tomatoes** were being harvested. The crop was beginning to ripen in the southeast. Some diseases were reported. Growers continued to scout for *Alternaria* and *Cercospora* in **carrots**. **Potatoes** were behind normal in the northeast, but were making decent progress in other areas. Some leafhoppers were spotted. **Pumpkins** and **squash** were runnering and flowering. Harvest of fresh market **snap beans** continued in the south. In the west central, plants were in bloom. In the southwest, tunneled **peppers** were being harvested and **eggplants** were setting and sizing fruit. Growers continued to harvest **zucchini** and **cucumbers**. Fern regrowth in **asparagus** acreage was showing the effects of phytophthora earlier in the season. Asparagus beetle larvae was active

Soil moisture for week ending 07/25/04

Stratum	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	2	19	68	11
Subsoil	1	15	75	9

Crop condition for week ending 07/25/04

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	6	31	50	12
Barley	6	7	32	51	4
Corn	5	12	31	36	16
Dry beans	10	14	46	23	7
Oats	2	5	43	40	10
Pasture	1	5	31	53	10
Soybeans	3	9	39	37	12
Winter Wheat	1	9	33	48	9

Crop progress for week ending 07/25/04

Crop	This week	Last week	Last year	5-year average
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>
Corn, height	53	44	56	58
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
All hay, first cutting	98	91	100	99
All hay, second cutting	42	27	61	55
Blueberries, harvested	33	15	22	NA
Corn, silked	47	19	20	41
Dry beans, blooming	26	8	26	30
Dry beans, setting pods	5	0	2	7
Oats, headed	96	93	97	99
Oats, turning yellow	47	29	47	77
Oats, harvested	10	2	1	11
Peaches, harvested	7	5	NA	NA
Soybeans, blooming	45	30	57	59
Soybeans, setting pods	12	5	8	18
Tart cherries, harvested	57	52	64	NA
Winter wheat, harvested	58	25	39	78

Michigan Weather Summary for Week Ending 07/25/04 ¹

Station	Temperature			Cumulative growing degree days ²			Precipitation					
	Maximum	Minimum	Departure from normal	2004	2003	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
											Since April 1	For month
Ironwood	88	37		957	1,057		0.01	0.37	2.41	14.41		
Marquette	84	40		857	1,026		0.00	0.46	2.92	13.61		
Stephenson	85	44		1,068	1,246		0.04	0.95	3.80	15.25		
Western UP	88	37	-3	934	1,068	1,082	0.01	0.40	2.45	12.58	12.05	3.42
Cornell	84	42		906	1,145		0.02	0.85	1.86	11.70		
Sault St Marie	81	45		727	1,002		0.03	1.72	3.08	12.18		
Eastern UP	84	37	-3	783	986	908	0.09	0.91	2.81	11.57	11.18	3.19
Beulah	85	44		1,131	1,179		0.10	0.21	2.01	15.71		
Lake City	87	40		1,146	1,141		0.17	0.92	1.84	14.53		
Old Mission	88	43		1,056	1,138		0.72	0.96	1.77	13.06		
Pellston	87	36		1,036	1,119		0.08	0.84	1.63	10.39		
Northwest	88	36	-3	1,058	1,115	1,233	0.46	0.99	2.05	12.89	10.79	2.99
Alpena	89	40		1,065	1,089		0.95	2.85	3.89	12.39		
Houghton Lake	86	37		1,207	1,233		0.21	0.87	1.49	13.66		
Rogers City	88	40		1,085	1,119		0.70	2.05	3.06	12.46		
Northeast	89	37	-3	1,142	1,170	1,189	0.66	1.90	2.80	13.21	10.71	3.18
Fremont	85	47		1,373	1,371		0.09	0.88	2.19	13.90		
Hart	86	44		1,251	1,255		0.11	0.63	2.20	16.11		
Muskegon	87	51		1,375	1,367		0.20	0.52	1.69	17.37		
West Central	87	44	-3	1,301	1,302	1,358	0.08	0.59	2.01	17.32	10.73	2.54
Alma	88	48		1,471	1,375		0.33	1.15	1.75	15.50		
Big Rapids	88	45		1,372	1,285		0.05	1.18	2.01	15.79		
Central	88	45	-2	1,434	1,324	1,422	0.37	1.31	1.97	16.17	11.63	2.97
Bad Axe	88	46		1,301	1,148		0.00	0.73	2.20	14.66		
Pigeon	89	44		1,282	1,188		0.01	0.35	1.13	15.30		
Saginaw	88	51		1,452	1,324		0.08	0.40	1.00	13.93		
Standish	88	46		1,282	1,203		0.46	0.74	1.30	14.42		
East Central	89	44	-3	1,300	1,228	1,407	0.17	0.60	1.69	14.92	10.65	2.92
Fennville	89	51		1,446	1,338		0.43	0.55	1.64	12.97		
Grand Rapids	90	51		1,666	1,411		0.87	0.94	2.44	17.77		
Holland	89	50		1,486	1,357		0.96	1.19	2.66	12.01		
South Bend, IN	88	55		1,777	1,529		1.44	2.39	4.02	16.49		
Watervliet	88	51		1,574	1,389		0.93	1.26	4.22	17.06		
Southwest	90	48	-3	1,573	1,417	1,532	0.89	1.31	3.06	16.31	12.51	3.09
Belding	86	45		1,497	1,345		0.69	3.45	5.70	18.29		
Coldwater	85	50		1,532	1,379		0.85	3.80	8.32	17.22		
Lansing	88	47		1,566	1,404		0.95	2.10	3.41	17.38		
South Central	90	45	-3	1,563	1,421	1,520	1.06	2.93	5.01	17.78	12.26	3.22
Detroit	91	53		1,723	1,556		0.30	1.12	1.90	13.49		
Flint	88	46		1,615	1,464		0.35	0.85	2.60	13.76		
Romeo	91	47		1,560	1,345		0.45	0.96	5.57	18.01		
Tipton	90	50		1,558	1,399		0.48	0.65	2.67	14.35		
Toledo, OH	90	53		1,808	1,569		0.54	0.89	1.28	10.93		
Southeast	93	44	-2	1,601	1,471	1,495	0.49	1.43	3.25	15.36	11.98	3.11

¹ Issued by the Federal/State Michigan Agricultural Statistics Service 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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Michigan Agricultural Statistics Service
P.O. Box 26248
Lansing, Michigan 48909-6248
(517) 324-5300 FAX (517) 324-5299
E-mail: nass-mi@nass.usda.gov