



National Agricultural Statistics Service
Michigan Field Office
Michigan Department of Agriculture

Michigan Crop-Weather



MI-CW3605

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Summer Heat Breaks

Six days were suitable for fieldwork during the week ending August 28, according to the USDA, NASS, Michigan Field Office. Precipitation amounts ranged from 0.12 inches in the central Lower Peninsula to 1.18 inches in the eastern Upper Peninsula. Average temperatures ranged from normal in the eastern Upper Peninsula to 3 degrees below normal in the northeast, southwest, and south central Lower Peninsula. Recent precipitation was light but generally helpful. There were reports of short soil moisture across the State. A farmer in the west central said, "Last week was cooler with some beneficial rain which helped crops like apples." A farmer from the southeast said, "Timely rainfall has kept crops looking good for the most part. A lot of hay was made this week. Temperatures have been moderate and corn is ripening quickly."

Field Crops

Temperatures were below average for most of the State. Many areas received rains although locally some areas remained dry. **Corn** continued to advance in maturity, ahead of normal. Farmers were beginning to open fields by chopping corn silage. Some seed corn was harvested. **Soybean** fields varied. Soybean aphid populations were declining rapidly. The third cutting of **alfalfa** continued with decent yields for many. Fall seedings were being made at this time. For **sugarbeets**, dry soil moisture could impact yield soon. Reports of *Cercospora* leafspot remained high. **Dry bean** harvest was underway for early planted fields including Light Red Kidney and Cranberry beans. Later planted beans were still very green. **Wheat** field preparations were making progress.

Fruit

The harvest of early season **apples** continued. McIntosh harvest will begin late this week in the southwest. The warm weather this season has caused much concern about late season insect pests such as European corn borer and dock sawfly. **Grape** veraison was complete in the southwest; grape berry moth egg hatch increased. Veraison began in the northwest, where many vineyards have been netted for bird management. In the southwest, **peach** growers were harvesting Loring and Glowing Star, and other varieties. Harvest wrapped up in the southeast. In the west central, harvest continued; fruit size and quality of processing peaches were good. **Blueberry** harvest ended early. Fruit size and quality were poor after the first picking. Fall **raspberry** harvest continued. Harvest of **pears** continued in the southwest and began in the west central, where the crop is light to medium in volume. **Plum** harvesting continued in the southwest. There is a very heavy load on plum trees in the west central; harvest of early variety began there. Cracking of fruit and pits is a quality problem in the west central.

Vegetables

Crops progressed across the State with warm and dry weather. **Carrots** continued to show some disease due to irrigation. **Celery** and **onion** harvests continued. **Pepper** and **potato** harvests also continued. **Pumpkin** plants continued to size and show color. **Snap bean** harvest was completed in most areas. **Sweet corn** harvest was in full swing. **Squash, zucchini, and cucumbers** showed more signs of downy mildew. Harvest of **tomatoes** for processing and fresh market progressed.

Soil moisture for week ending 08/28/05

Stratum	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	26	35	38	1
Subsoil	22	47	31	0

Crop condition for week ending 08/28/05

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
All Hay	9	19	29	31	12
Corn	3	8	24	49	16
Dry beans	0	4	27	55	14
Pasture	11	27	34	24	4
Soybeans	4	7	27	49	13

Crop progress for week ending 08/28/05

Crop	This week	Last week	Last year	5-year average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
All hay, second cutting	95	93	85	91
All hay, third cutting	58	51	34	35
Apples, harvested	6	NA	NA	NA
Blueberries, harvested	93	89	91	NA
Corn, dough	86	80	47	47
Corn, dent	46	23	8	12
Corn, mature	3	0	NA	NA
Dry beans, turning leaves	38	16	28	31
Dry beans, dropping leaves	7	0	0	4
Peaches, harvested	64	60	64	NA
Potatoes, harvested	19	16	NA	NA
Soybeans, turning leaves	14	3	3	7
Soybeans, dropping leaves	1	0	NA	1

Michigan Weather Summary for Week Ending 08/28/05 ¹

Station	Temperature			Cumulative growing degree days ²			Precipitation					
	Maximum	Minimum	Departure from normal	2005	2004	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
											Since April 1	For month
Ironwood	79	36		1,940	1,385		0.43	0.82	1.60	10.39		
Marquette	81	40		1,860	1,305		0.86	1.17	1.94	12.33		
Stephenson	83	44		1,998	1,621		0.80	1.74	2.69	9.75		
Western UP	83	36	-1	1,912	1,388	1,599	0.49	0.98	1.80	10.48	15.89	3.69
Cornell	82	46		1,910	1,444		1.33	1.92	3.18	8.96		
Sault St Marie	77	48		1,825	1,176		1.19	2.40	3.11	10.38		
Eastern UP	83	46	0	1,822	1,229	1,399	1.18	1.96	2.94	10.26	15.03	3.53
Beulah	84	52		2,213	1,651		0.63	4.67	5.64	13.20		
Lake City	80	43		2,024	1,635		0.13	2.41	4.49	13.88		
Old Mission	83	49		2,083	1,572		0.66	4.01	5.58	11.35		
Pellston	82	43		2,040	1,514		0.70	3.77	5.05	11.85		
Northwest	84	43	-1	2,062	1,541	1,803	0.48	3.74	5.35	12.61	14.07	3.11
Alpena	80	45		1,949	1,573		0.03	2.80	4.89	12.97		
Houghton Lake	80	39		2,078	1,721		0.21	1.00	1.97	10.22		
Rogers City	80	43		1,996	1,601		0.12	3.27	5.08	13.14		
Northeast	83	39	-3	2,031	1,612	1,749	0.15	2.98	4.61	13.32	14.10	3.12
Fremont	85	50		2,323	1,919		0.25	0.29	1.12	6.89		
Hart	84	47		2,226	1,774		0.31	0.48	2.90	10.91		
Muskegon	84	50		2,394	1,939		0.51	0.83	2.15	7.76		
West Central	85	46	-2	2,285	1,843	1,966	0.36	0.64	2.41	9.13	14.46	3.60
Alma	84	47		2,350	2,026		0.12	0.14	0.82	7.74		
Big Rapids	84	48		2,283	1,889		0.01	0.01	0.01	8.62		
Central	84	47	-2	2,298	1,953	2,038	0.12	0.14	0.61	8.50	15.36	3.64
Bad Axe	84	52		2,304	1,849		0.21	0.75	1.63	12.21		
Pigeon	82	47		2,138	1,831		0.02	0.34	0.48	9.60		
Saginaw	84	50		2,283	2,031		0.15	0.37	1.38	12.30		
Standish	83	52		2,241	1,803		0.32	0.88	1.30	12.56		
East Central	85	47	-2	2,223	1,887	2,031	0.34	0.74	1.44	11.89	13.80	2.93
Fennville	88	47		2,384	1,981		0.31	0.63	0.65	5.44		
Grand Rapids	85	51		2,512	2,261		0.28	1.03	1.42	16.29		
Holland	87	49		2,476	2,065		0.08	0.31	0.99	3.57		
South Bend, IN	86	53		2,662	2,397		0.17	0.82	2.37	9.83		
Watervliet	86	51		2,540	2,148		0.17	0.85	1.54	9.00		
Southwest	89	47	-3	2,503	2,155	2,206	0.19	0.68	1.31	8.35	15.81	3.18
Belding	86	48		2,291	2,032		0.30	0.36	0.50	12.39		
Coldwater	86	48		2,368	2,111		0.16	0.56	1.16	11.22		
Lansing	87	50		2,522	2,138		0.07	0.25	0.74	14.86		
South Central	89	48	-3	2,437	2,154	2,176	0.16	0.39	0.85	11.49	15.85	3.36
Detroit	88	55		2,672	2,387		0.67	0.86	1.22	12.19		
Flint	87	45		2,411	2,188		0.44	0.51	0.83	11.17		
Romeo	86	52		2,428	2,141		0.40	0.88	1.48	13.28		
Tipton	88	54		2,471	2,116		0.03	0.70	1.16	12.91		
Toledo, OH	91	54		2,639	2,445		0.00	0.65	1.34	10.80		
Southeast	91	45	-2	2,477	2,244	2,168	0.39	0.90	1.51	13.14	15.32	3.12

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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