



National Agricultural Statistics Service
Michigan Statistical Office
Michigan Department of Agriculture

Michigan Crop-Weather



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Rain Tapers Off

Four days were suitable for fieldwork during the week ending June 20, according to the USDA-NASS-Michigan Statistical Office. Intermittent rain showers kept soils wet. Scattered hail was reported in several districts. Cool temperatures, coupled with limited sunshine, hampered the drying of fields. Precipitation amounts ranged from 0.16 inches in the west central Lower Peninsula to 1.07 inches in the central Lower Peninsula. Eight of nine districts are above normal for accumulated precipitation since April 1. The west central Lower Peninsula is 5.51 inches ahead of its historic average. Temperatures ranged from 1 degree below normal in four of the State's districts to 2 degrees above normal in the central Lower Peninsula. Seven of eight Lower Peninsula districts are now at or above average for cumulative corn growing degree days (GDDs). However, farmers reported that they needed still more sunshine and warmer temperatures for crops to make use of all the moisture received. "We're getting plenty of rain, but we sure need some warm weather" commented a farmer in the Upper Peninsula. A farmer in the south central agreed, "Crops are starting to come along and look better except for the low, wet fields. We still need more sunshine, though."

Field Crops

Continued precipitation and poor drying conditions pushed growers to complete their fieldwork in a timely manner. Increased insect activity was reported in the south central. **Corn** planting was mostly completed in the southern part of the State, but a few farmers were hoping to get a bit more seed in the ground if the weather cooperated. Spraying and cultivating continued where the topsoil was dry enough. Corn growth and development was highly variable, with many producers reporting very uneven fields. Rain and limited drying days slowed **hay**ing progress. Much of the crop was mature and quality declined rapidly. Operators were able to put up some haylage. Dry hay was extremely difficult to make. Growers continued to plant and spray **soybeans**. Farmers reported uneven growth and variable development, similar to the conditions noted in the corn crop. The **wheat** crop moved along towards maturity. Disease problems were noted and reports were mixed on the quality of the crop. **Dry bean** planting continued, and some early plantings had emerged. **Sugarbeet** producers continued to spray and cultivate where possible.

Soil moisture for week ending 06/20/04

Stratum	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	0	2	59	39
Subsoil	0	1	66	33

Crop condition for week ending 06/20/04

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
All Hay	2	7	28	52	11
Barley	1	12	43	44	0
Corn	5	12	35	44	4
Oats	5	8	36	44	7
Pasture	1	3	19	56	21
Soybeans	2	10	40	38	10
Winter Wheat	1	5	30	55	9

Fruit

Rainy and cooler weather has caused an increase in fruit diseases. The excess precipitation caused standing water to be a problem for many growers throughout the State.

Apple growth continued to advance quickly in the southeast, with sizes up to 1.5 inches in diameter. The majority of the State reported sizes of approximately 1.25 inches. Plum curculio persisted in the west, continuing to lay eggs. Potato leaf hopper was also a problem. European red mite numbers decreased throughout the week. **Peaches** were infected with peach tree borer and plum curculio, while **pears** were infested with the codling moth and leaf roller. Bacterial canker continued to cause problems for sweet cherries. Cherry leaf spot increased in the southeast. Across the State, tart cherries began to color late last week. In the west, bloom ended in **grapes**. For the majority of the State, blossom continued. Black rot and downy mildew were all common due to the amount of rain. **Raspberries** showed signs of leaf roller damage. Green fruit increased in size. An excellent **strawberry** crop was reported in the southeast. In northern areas of the State, standing water and grey mold were hampering harvest.

Vegetables

Across the State, the primary vegetable growing areas had another week of less than optimal growing conditions. Crop progress was highly variable across geographic regions. A band of hail that rolled through the southwest caused some damage. **Asparagus** harvest neared completion. Growers in the west central reported a decent week of picking. **Pepper** growth was hampered by the cool, wet weather. **Celery** planting was back on schedule. Harvest of early hearts was expected to begin in the coming week. Some **onion** maggot damage was reported. Spring **spinach** harvest began. In the southeast, growers were picking **leaf** and **romaine lettuce** as well as some **radishes**. Also in the southeast, early **potatoes** were in full bloom and producers started tying **tomatoes**. In the southwest, harvest of **cucumbers, zucchini, and yellow squash** began.

Crop progress for week ending 06/20/04

Crop	This week	Last week	Last year	5-year average
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>
Corn, height	12	6	NA	NA
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
All hay, first cutting	48	44	61	57
Asparagus, harvested	98	79	95	95
Corn, emerged	95	79	100	97
Dry beans, planted	68	28	66	67
Dry beans, emerged	12	0	16	33
Oats, headed	31	22	19	38
Potatoes, emerged	90	80	NA	NA
Soybeans, planted	87	81	97	94
Soybeans, emerged	77	62	88	87
Strawberries, harvested	71	38	NA	NA
Winter wheat, turning yellow	19	NA	NA	NA

Michigan Weather Summary for Week Ending 06/20/04 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	75	36		496	524		0.34	1.22	3.74	8.98		
Marquette	77	40		438	489		0.13	1.02	3.74	9.83		
Stephenson	83	44		598	662		0.46	0.64	3.79	9.95		
Western UP	83	36	-1	487	534	537	0.33	1.13	3.63	8.59	8.03	3.61
Cornell	79	43		418	527		0.26	0.95	2.82	7.65		
Sault St Marie	80	42		338	473		0.35	1.01	2.77	8.44		
Eastern UP	83	38	0	380	443	407	0.25	0.85	2.28	6.67	7.41	3.26
Beulah	83	47		619	576		0.17	1.81	3.83	12.72		
Lake City	85	44		642	572		0.63	1.39	2.46	13.06		
Old Mission	85	46		586	529		0.24	1.38	2.58	9.91		
Pellston	86	39		566	557		0.39	0.86	2.19	8.42		
Northwest	87	39	-1	584	535	632	0.46	1.35	2.69	10.37	7.25	3.03
Alpena	82	41		554	486		0.82	1.25	2.41	8.44		
Houghton Lake	85	45		671	618		0.19	1.22	1.53	11.90		
Rogers City	85	43		612	490		0.53	1.26	2.28	9.84		
Northeast	87	41	1	628	565	600	0.45	1.23	2.27	10.42	7.23	2.90
Fremont	83	43		772	710		0.06	0.51	1.92	11.27		
Hart	86	44		710	600		0.16	1.96	3.45	13.12		
Muskegon	81	45		783	672		0.21	2.62	4.80	14.06		
West Central	88	43	-1	738	646	712	0.16	2.30	3.95	13.36	7.85	2.94
Alma	86	47		857	675		0.88	2.78	3.08	11.27		
Big Rapids	87	45		815	658		1.64	3.43	3.76	12.22		
Central	87	45	2	838	663	763	1.07	3.02	3.32	12.52	8.00	3.36
Bad Axe	83	44		714	496		0.20	1.58	1.62	11.13		
Pigeon	83	48		700	522		0.55	1.86	3.14	12.69		
Saginaw	84	48		812	617		0.22	1.37	1.64	11.37		
Standish	83	44		721	565		0.51	1.58	2.17	12.07		
East Central	84	43	0	722	559	740	0.51	1.95	2.53	11.88	7.23	3.08
Fennville	82	44		846	643		0.06	1.18	2.71	9.89		
Grand Rapids	81	48		986	699		0.11	1.19	2.29	13.60		
Holland	82	46		871	666		0.17	1.67	3.20	8.70		
South Bend, IN	84	47		1,068	774		0.50	4.63	6.99	11.97		
Watervliet	82	44		930	705		0.38	4.82	6.40	11.86		
Southwest	84	41	-1	930	723	817	0.22	2.37	4.18	11.55	8.65	3.55
Belding	83	44		889	670		0.32	2.11	2.99	11.83		
Coldwater	82	45		900	686		0.46	3.13	3.70	10.15		
Lansing	81	45		923	707		0.56	2.11	2.94	13.16		
South Central	86	43	0	926	720	820	0.43	2.37	3.53	12.37	8.34	3.57
Detroit	85	49		988	763		1.07	2.58	3.26	11.46		
Flint	83	45		976	725		0.50	1.40	2.77	10.51		
Romeo	85	49		881	651		0.52	1.69	2.10	12.29		
Tipton	85	45		916	717		0.82	4.06	4.97	11.15		
Toledo, OH	86	47		1,071	789		1.60	3.48	4.97	9.50		
Southeast	87	41	1	933	730	786	1.06	3.03	3.96	11.70	8.25	3.36

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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