



MI-CW2523

# Michigan Crop Weather

June 20, 2023

## Field Crops

Despite small rain events across the State, producers remained concerned for crop health due to lack of precipitation, according to Marlo D. Johnson, Director of the Great Lakes Regional Office of the National Agricultural Statistics Service. There were 6.2 days suitable for fieldwork in Michigan during the week ending June 18, 2023. According to the latest U.S. Drought Monitor, Menominee county in the Upper Peninsula and counties in the northern and thumb regions of the Lower Peninsula were abnormally dry, while the rest of the Lower Peninsula's major crop growing counties were in moderate drought. First cutting **hay** was wrapping up. The dry weather affected production, but quality was good. Growers were concerned about regrowth and prospects for additional cuttings due to lack of rainfall. **Corn, soybean** and **wheat** conditions all suffered due to lack of moisture. Fire conditions are rated at 'very high' in the Upper Peninsula and 'extreme' in the Lower Peninsula.

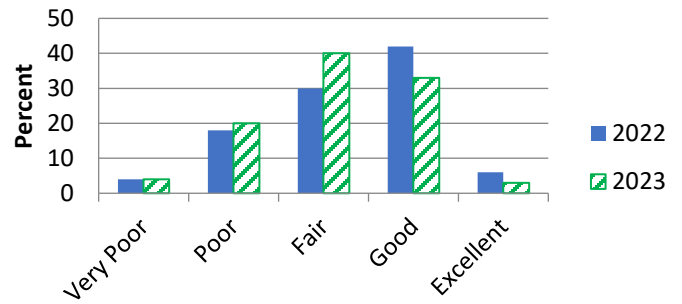
## Fruit

The region saw another dry week with mostly sunny, seasonally warm days. A few light scattered showers that didn't amount to much occurred in a few locations. In the Southeast, **apples** were dropping from thinning sprays and natural June drop. King fruit observed in Novi, Fenton and Romeo were in the 28-30 mm range, while fruit further north were closer to 21 mm. Crop potential is generally good in the Southeast—better than expected in view of last year's big crop. In the West Central, early apple varieties like Zestar and Idared had fruitlets that were 35 – 40 mm. Jonagold and Honeycrisp fruitlets measured 25 – 30 mm. Gala and EverCrisp fruitlets were 18 – 24 mm. In the Northwest, Honeycrisp were 16.5 mm and Gala were 17.5 mm. In the Southeast, some blush was visible on **tart cherries** in Fenton, but for most places, tart cherries remained green and ranged from 12 – 16 mm. In the Southwest, Montmorency fruit ranged from straw color to early red. In the West Central, tart cherry fruitlets measured at 14 – 16 mm. In the Northwest, Golds were 16 mm in size and Montmorency tart cherry were 13 mm in size. In the South, **peach** fruit were sizing rapidly with hand thinning underway. In the Southeast, peach pits at Fenton and Romeo were still soft enough to be cut through with a knife with sizes up to 30 mm. In the West Central, peach fruitlets for early fresh varieties ranged in size from 26 – 28 mm. In the Southwest, most **blueberry** varieties were showing green fruit with some blue beginning to show on early-season varieties. In the Southeast, Blueberries in Fenton were past bloom and at full fruit set.

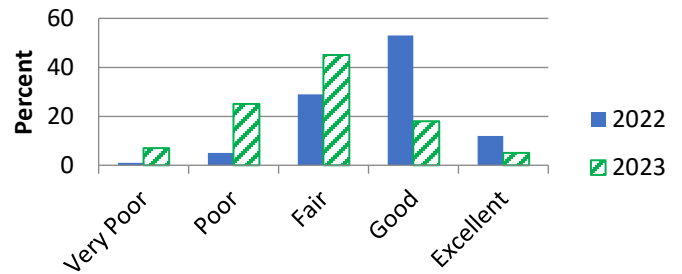
## Vegetables

Michigan vegetable producers welcomed recent rainfall, but irrigation was still needed on most farms. Several crops were beginning to flower and develop fruit, including **peppers, tomatoes, and watermelons**. Harvest was underway for **summer squash** and **turnips**, with **cucumbers** not far behind. Cucurbit downy mildew spores were identified in the East, but no outbreak had been reported in Michigan to date. Growers were also preparing to spray for purple spot as harvest was wrapping up in their **asparagus** fields. Meanwhile, **bok choy** and **lettuce** were hitting the market on some farms.

### Winter Wheat Condition



### Soybean Condition



### Crop Condition: Week Ending 06/18/23

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn.....	7	21	40	26	6
Soybeans .....	7	25	45	18	5
Winter Wheat .....	4	20	40	33	3
Barley .....	6	23	48	23	0
Oats .....	11	24	42	22	1
Sugarbeets .....	6	14	35	36	9
Range and Pasture ....	21	35	31	12	1

### Crop Progress: Week Ending 06/18/23

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork..	6.2	6.5	-	-
Corn Emerged .....	92	89	92	84
Soybeans Emerged .....	90	83	86	78
Winter Wheat Headed .....	93	86	90	83
Barley Planted .....	95	84	96	NA
Barley Emerged.....	90	79	90	71
Barley Headed .....	3	0	NA	NA
Dry Edible Beans Planted.....	80	76	83	62
Dry Edible Beans Emerged ...	53	38	63	38
Alfalfa Hay 1st Cutting .....	86	72	67	63
Alfalfa Hay 2nd Cutting .....	1	0	NA	NA
Other Hay 1st Cutting.....	85	74	45	42
Other Hay 2nd Cutting .....	1	0	NA	NA
Oats Emerged .....	96	94	95	NA
Oats Headed .....	23	14	19	20

### Soil Moisture: Week Ending 06/18/23

Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture.....	53	36	11	0
Subsoil moisture.....	45	44	11	0

Weather Summary For Michigan

Week Ending 2023-06-18

Since April 1

	Week Ending 2023-06-18						Since April 1					
	Temperature			Precipitation			Precipitation			GDD Base 50		
	High	Low	Avg	DFN	Total	Days	Total	DFN	Days	Total	DFN	
<b>Upper Peninsula</b>												
HANCOCK HOUGHTON COUNTY AP	79	44	57	-2	0.32	2	4.76	-1.09	26	388	112	
IRONWOOD	79	37	54	-7	0.17	1	10.69	2.88	28	451	87	
CHATHAM EXPERIMENT FARM 2	79	31	51	-10	0.97	4	10.46	3.53	27	328	16	
<b>Northwest LP</b>												
BEULAH 7SSW	75	46	55	-9	0.32	3	4.79	-3.55	26	559	93	
FRANKFORT 2NE	79	47	58	-5	0.25	2	4.43	-3.21	19	604	190	
TRAVERSE CITY CHERRY CAPITAL AP	82	43	59	-5	0.56	2	4.86	-2.28	22	603	161	
<b>Northeast LP</b>												
ALPENA COUNTY REGIONAL AP	79	42	59	-3	0.53	2	6.06	-0.53	24	443	75	
GAYLORD 9SSW	81	43	57	-5	0.36	1	5.51	-2.57	22	520	133	
GLENNIE 2SE	78	43	57	-6	0.63	2	7.25	-1.99	23	421	52	
HALE LOUD DAM	79	46	59	-5	0.65	2	7.75	0.40	25	485	73	
ONAWAY 4N	79	40	56	-8	0.40	3	6.26	-0.70	23	342	-125	
<b>West Central LP</b>												
MUSKEGON COUNTY AP	84	45	60	-6	0.21	1	3.54	-4.21	19	716	145	
<b>Central LP</b>												
CENTRAL MICHIGAN UNIVERSITY	79	36	60	-7	0.52	2	5.54	-2.99	16	645	87	
GLADWIN	81	44	59	-7	0.53	2	5.37	-3.05	22	549	39	
MIDLAND	71	46	58	-9	0.13	1	4.34	-4.20	19	425	-184	
<b>East Central LP</b>												
BAD AXE	75	47	58	-7	0.77	3	8.10	0.28	28	509	18	
SAGINAW #3	81	47	60	-7	0.34	3	5.49	-3.06	26	614	8	
SAGINAW MBS INTL AP	85	47	63	-5	0.06	1	3.95	-4.11	21	641	43	
<b>Southwest LP</b>												
BENTON HARBOR	83	46	61	-7	0.00	0	4.51	-4.53	22	582	-106	
DOWAGIAC 1 W	76	47	59	-8	0.79	2	6.60	-2.85	27	597	-25	
GRAND RAPIDS GERALD R FORD INTL AP	84	49	63	-6	0.09	2	4.18	-5.45	24	705	27	
HOLLAND TULIP CITY AP	85	48	60	-8	0.21	1	4.19	-4.86	22	686	2	
<b>South Central LP</b>												
COLDWATER ST SCHOOL	84	50	63	-5	0.40	2	4.94	-4.80	18	644	0	
HASTINGS	81	44	60	-6	0.15	2	5.97	-3.59	23	592	18	
JACKSON REYNOLDS FIELD	85	44	61	-6	0.03	1	3.75	-4.13	25	385	-252	
LANSING CAPITAL CITY AP	86	49	64	-4	0.01	1	5.00	-3.51	24	727	92	
THREE RIVERS	80	48	62	-7	0.36	2	5.16	-4.38	24	712	10	
<b>Southeast LP</b>												
ADRIAN 2 NNE	83	45	61	-6	0.37	3	4.86	-4.54	24	631	33	
ANN ARBOR U OF MICH	82	44	61	-7	0.73	4	5.17	-3.69	30	594	-123	
CHELSEA	80	45	60	-7	0.46	4	4.34	-3.64	23	604	-18	
FARMINGTON	79	46	60	-7	1.01	3	6.99	-1.12	22	607	12	
MANCHESTER	81	45	61	-7	0.51	5	4.78	-4.16	24	605	-12	
PORT HURON	84	51	62	-5	1.09	4	7.60	-0.41	22	620	53	

Note:

Summary based on NOAA Regional Climate Centers (RCCs) data. Climate normals used are for the 1991-2020 period. Precipitation (rain or melted snow/ice) in inches. Air temperature in degrees fahrenheit.