



MI-CW2223

# Michigan Crop Weather

May 30, 2023

## Field Crops

Last week's dry and hot weather had some producers concerned about crop conditions, according to Marlo D. Johnson, Director of the Great Lakes Regional Office of the National Agricultural Statistics Service. There were 6.8 days suitable for fieldwork in Michigan during the week ending May 28, 2023. According to the U.S. Drought Monitor, Mason, Lake, and Oceana counties along the Lake Michigan shoreline experienced abnormally dry conditions. **Corn** emergence followed historical averages despite the dry conditions. **Soybean** planted and emerged was trending ahead of average. **Dry bean** planting began. **Sugarbeet** and **oat** condition was mainly rated good to fair. Weather was ideal for first cutting of hay. **Winter Wheat** headed has begun to pick up in the southeast Lower Peninsula. Producers reported concerns for field and pasture growth because very little precipitation is in the immediate forecast. Main activities for this week were planting and applying pesticides.

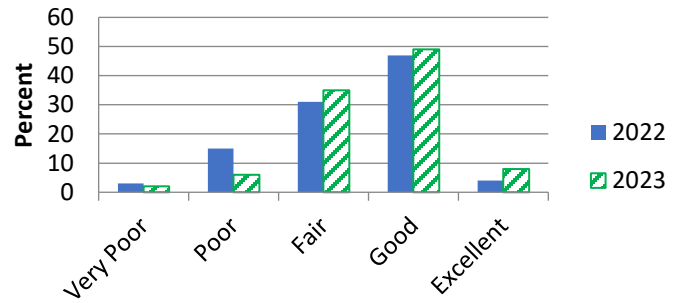
## Fruit

Warm, dry weather pushed fruit development last week. Most fruit growing areas have been without rainfall in the past few weeks, so growers were hoping for rain. In the Southwest, **apples** ranged from 10 mm to over 17 mm in diameter. In the southern parts of the Southeast region, apples were ranging from 0.25- to 0.5-inch diameter, while further north fruitlet size was a bit smaller. In the West Central, early apple varieties had fruitlets that were 6-8 mm in size. Later varieties were at the end of full bloom to petal fall. In the Northwest, apples were at early petal fall to petal fall. In the Southwest, **tart cherry** fruit were big enough to see with pits becoming noticeably firmer. In the West Central, tart cherry fruitlets ranged from shuck split to about 8 mm. In the Northwest, cherries were at shuck split. In the Southwest, some varieties of **peaches** had two distinct fruit sizes with the smaller fruit yet to drop. Fruit set in some sites was greater in treetops and higher elevations due to freeze damage. Crop loads were still generally good in the area. In the Southeast, peaches were mostly at fruit set with some remaining petals. In the West Central, peaches were in shuck or at shuck split. In the South, **blueberry** bloom continues. Some varieties closer to the Lake were at petal fall.

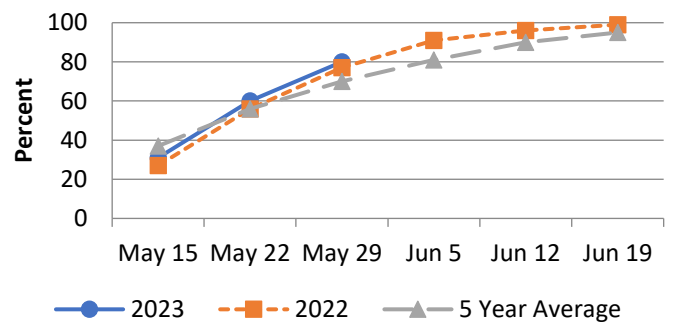
## Vegetables

Unusually dry weather conditions throughout the State prompted many growers to use irrigation to water their vegetable crops. Producers also applied pesticides to manage insect presence on certain crops, such as **asparagus** and **cabbages**. Vegetable field work was proceeding quickly across lower Michigan, with transplanting taking place for **tomatoes**, **peppers**, and **sweet onions**. First plantings of **cucumbers** and **summer squash** were up and showing leaves, while **rhubarb** harvest was beginning. In the West Central region, **carrots** for processing were up, with sowing underway for fresh market varieties.

### Winter Wheat Condition



### Corn Planted



### Crop Condition: Week Ending 05/28/23

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn.....	0	2	32	58	8
Soybeans .....	0	5	32	58	5
Winter Wheat .....	2	6	35	49	8
Oats .....	2	4	34	51	9
Sugarbeets .....	3	6	34	34	23
Range and Pasture ....	1	12	45	37	5

### Crop Progress: Week Ending 05/28/23

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork..	6.8	6.0	-	-
Corn Planted.....	80	60	77	70
Corn Emerged .....	43	20	43	42
Soybeans Planted.....	80	57	58	58
Soybeans Emerged .....	37	16	30	33
Winter Wheat Jointing.....	89	80	90	82
Winter Wheat Headed .....	29	6	20	19
Barley Planted .....	61	46	60	61
Barley Emerged.....	19	7	50	37
Dry Edible Beans Planted.....	3	0	NA	NA
Alfalfa Hay 1st Cutting .....	19	2	7	NA
Other Hay 1st Cutting.....	7	1	3	NA
Oats Planted.....	93	79	89	86
Oats Emerged .....	60	37	69	68
Sugarbeets Planted .....	100	97	99	98
Sugarbeets Emerged .....	95	90	86	81

### Soil Moisture: Week Ending 05/28/23

Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture.....	22	46	31	1
Subsoil moisture.....	16	42	41	1

Weather Summary For Michigan

Week Ending 2023-05-28

Since April 1

	Week Ending 2023-05-28						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	80	32	56	3	0.07	1	4.19	0.09	22	136	27	
IRONWOOD	81	39	59	4	0.00	0	9.93	4.48	24	200	39	
CHATHAM EXPERIMENT FARM 2	83	25	53	-1	0.02	1	9.39	4.50	22	139	15	
<b>Northwest LP</b>												
BEULAH 7SSW	79	34	58	0	0.00	0	4.24	-1.54	22	277	66	
FRANKFORT 2NE	77	40	60	4	0.00	0	4.06	-1.33	16	288	103	
TRAVERSE CITY CHERRY CAPITAL AP	83	35	57	0	0.00	0	3.93	-1.18	19	315	121	
<b>Northeast LP</b>												
ALPENA COUNTY REGIONAL AP	81	30	53	-2	0.00	0	5.32	0.54	19	187	32	
GAYLORD 9SSW	81	36	58	2	0.00	0	4.93	-0.56	20	256	90	
GLENNIE 2SE	78	29	53	-3	0.00	0	6.54	1.16	20	181	43	
HALE LOUD DAM	79	30	54	-3	0.00	0	7.01	1.94	22	203	33	
ONAWAY 4N	79	31	58	0	0.00	0	5.64	0.73	15	142	-68	
<b>West Central LP</b>												
MUSKEGON COUNTY AP	82	38	61	2	0.00	0	3.09	-2.77	16	364	90	
<b>Central LP</b>												
CENTRAL MICHIGAN UNIVERSITY	82	37	59	-1	0.00	0	5.02	-1.10	14	306	49	
GLADWIN	80	33	59	0	0.00	0	4.72	-1.30	18	241	8	
MIDLAND	77	37	55	-6	0.00	0	3.93	-2.26	17	189	-100	
<b>East Central LP</b>												
BAD AXE	78	35	56	-2	0.00	0	7.25	1.65	24	234	13	
SAGINAW #3	80	36	57	-3	0.00	0	5.11	-1.07	22	273	-12	
SAGINAW MBS INTL AP	81	37	58	-2	0.00	0	3.64	-2.32	19	307	28	
VASSAR	81	30	55	-3	0.00	0	3.92	-2.17	16	168	-65	
<b>Southwest LP</b>												
BENTON HARBOR	80	36	59	-2	0.00	0	4.47	-2.12	21	352	0	
DOWAGIAC 1 W	81	38	58	-2	0.00	0	5.76	-1.02	23	308	-1	
GRAND RAPIDS GERALD R FORD INTL AP	82	37	60	-2	0.00	0	3.97	-2.98	20	343	6	
HOLLAND TULIP CITY AP	83	39	61	-1	0.00	0	3.70	-2.49	19	344	1	
<b>South Central LP</b>												
COLDWATER ST SCHOOL	83	38	60	-1	0.00	0	4.11	-2.98	14	327	10	
HASTINGS	81	31	56	-4	0.00	0	5.82	-0.96	21	280	6	
JACKSON REYNOLDS FIELD	79	32	56	-5	0.00	0	3.49	-2.10	23	298	-18	
LANSING CAPITAL CITY AP	81	37	59	-1	0.00	0	4.85	-1.20	22	367	56	
THREE RIVERS	84	39	61	-1	0.00	0	4.80	-2.16	22	357	4	
<b>Southeast LP</b>												
ADRIAN 2 NNE	81	36	59	-1	0.00	0	4.03	-2.59	20	333	49	
ANN ARBOR U OF MICH	83	32	57	-5	0.00	0	4.31	-1.99	25	306	-58	
CHELSEA	79	35	58	-3	0.00	0	3.88	-1.58	19	302	-5	
FARMINGTON	79	36	59	-2	0.00	0	5.98	0.14	19	283	6	
MANCHESTER	82	37	59	-2	0.00	0	4.27	-2.06	19	307	10	
PORT HURON	76	45	58	-2	0.00	0	5.86	0.14	17	312	48	

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.