



MI-CW2722

# Michigan Crop Weather

July 5, 2022

## Field Crops

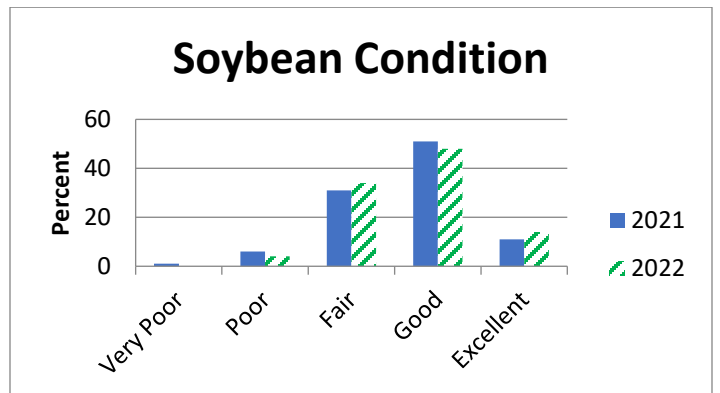
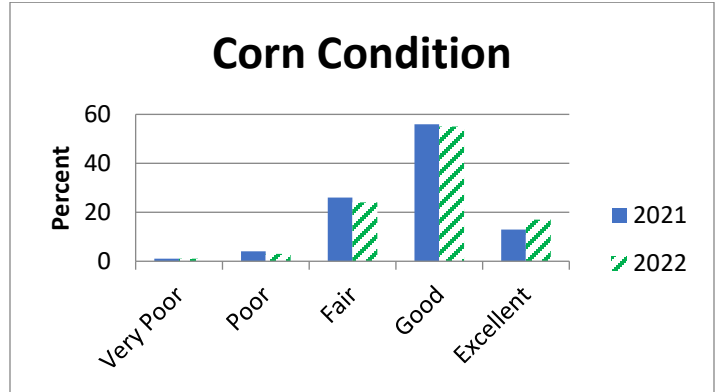
Weather conditions continued to be mostly dry across the State, according to Marlo D. Johnson, Director of the Great Lakes Regional Office of the National Agricultural Statistics Service. There were 6.3 days suitable for fieldwork in Michigan during the week ending July 3, 2022. Many counties in the Northwest and Central Lower Peninsula experienced abnormally dry weather. **Winter wheat** reached maturity and changed colors with the heat. **Oats** continued to need moisture but were not in critical condition. **Corn** began to roll leaves due to arid conditions in some areas. **Dry bean** and **soybean** emergence progressed towards completion, while weed control was in full swing. **Alfalfa** and **other hay** second cutting growth slowed but there were several opportunities to make dry baled hay. Other activities during the week included preparing combines and grain carts, side dressing fertilizer, and spraying pesticides.

## Fruit

A cooler week punctuated by scattered storms on Tuesday and Wednesday were a welcome relief to very hot temperatures the week prior. Soil conditions were still dry and growers that had irrigation equipment ensured it was running well in preparation for using it soon. Codling moth, oriental fruit moth and obliquebanded leaf roller were all caught in traps. Second generation codling moth flights also began. Pit hardening on **peaches** in the Southwest was complete. Hand thinning was complete in most orchards. Harvest of very early varieties began. In the West Central, growers continued to hand thin peaches. Peaches ranged from 35-40 mm there. **Tart cherry** harvest neared in the Southwest. Harvest was anticipated to begin just about July 4 there. In the Northwest, tart cherries were coloring. The crop appeared to be heavy with some concern expressed from growers about getting the crop ripe with fewer than normal leaves. In the West Central, tarts were coloring and growers were determining when to apply Ethrel. Early **blueberry** varieties in the Southwest were coloring and harvest began. Fruit set was very good. **Apples** in the Northwest were sizing very well with Gala at 27 mm and Honeycrisp at 30 mm. Fruit thinning went very well and most growers were happy with crop load. Apples on the Ridge ranged from 30-40 mm with early varieties exceeding 40 mm. Crop potential was very good. In the West Central, apples ranged from 35-40 mm with early varieties like Zestar exceeding 40 mm.

## Vegetables

Hot and dry weather throughout the State caused moisture stress to various vegetable crops and stunted growth in others. Among the impacted crops were **broccoli**, **green beans**, and **potatoes**. Early **sweet corn** was tasseling, and **garlic** tops were yellowing with maturity. Field **peppers** and **tomatoes** were setting fruit, with some growers almost ready to start early harvest of protected spring plantings. Harvest was proceeding smoothly for **summer squash** and **cucumbers**, though severe cucumber beetle scarring was detected in some areas. Meanwhile, **carrots** and **red beets** were starting to be pulled, and **kale** harvest was underway in the Southwest. In the West Central region, **asparagus** harvest had just about concluded, with many farms reporting above-average yields.



Crop Condition: Week Ending 07/03/22

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn.....	1	3	24	55	17
Soybeans .....	0	4	34	48	14
Winter Wheat .....	2	17	28	43	10
Barley .....	6	20	35	37	2
Oats .....	0	3	25	69	3
Sugarbeets .....	2	3	16	55	24
Range and Pasture ....	1	9	31	49	10

Crop Progress: Week Ending 07/03/22

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork..	6.3	6.5	-	-
Corn Silking .....	0	0	0	1
Soybeans Blooming.....	22	5	10	9
Soybeans Setting Pods.....	1	NA	0	0
Winter Wheat Mature.....	30	15	49	34
Winter Wheat Harvested .....	1	0	0	1
Barley Headed .....	36	16	57	NA
Dry Edible Beans Planted.....	94	91	100	90
Dry Edible Beans Emerged ...	90	87	99	75
Alfalfa Hay 1st Cutting .....	94	87	95	83
Alfalfa Hay 2nd Cutting .....	27	14	28	18
Other Hay 1st Cutting.....	78	73	87	65
Other Hay 2nd Cutting .....	10	6	9	7
Oats Headed .....	58	44	79	63

Soil Moisture: Week Ending 07/03/22

Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture.....	17	47	34	2
Subsoil moisture.....	10	37	50	3

Weather Summary For Michigan

Week Ending 2022-07-03

Since April 1

	Week Ending 2022-07-03						Since April 1					
	Temperature			Precipitation			Precipitation			GDD Base 50		
	High	Low	Avg	DFN	Total	Days	Total	DFN	Days	Total	DFN	
<b>Upper Peninsula</b>												
ALBERTA FORD FOR CENTER	85	44	61	-4	1.70	3	12.45	3.47	37	541	-30	
HANCOCK HOUGHTON COUNTY AP	87	44	62	-1	0.52	3	6.97	-0.21	40	549	92	
IRONWOOD	84	45	61	-4	0.45	3	10.50	0.63	41	592	16	
CHATHAM EXPERIMENT FARM 2	82	48	61	-3	1.43	2	11.76	3.20	39	490	-22	
PICKFORD 3NE	79	38	60	-5	1.04	4	8.66	0.36	36	547	14	
<b>Northwest LP</b>												
BEULAH 7SSW	87	52	66	-1	0.89	2	8.50	-1.40	35	826	109	
FRANKFORT 2NE	80	52	66	-1	0.35	2	6.27	-2.90	28	789	136	
TRAVERSE CITY CHERRY CAPITAL AP	91	50	68	0	0.25	4	5.89	-2.92	37	892	195	
<b>Northeast LP</b>												
ALPENA COUNTY REGIONAL AP	88	42	64	-2	0.87	3	10.82	2.86	41	723	129	
GAYLORD 9SSW	84	47	63	-3	0.25	3	6.08	-3.37	42	729	121	
GLENNIE 2SE	85	41	63	-3	1.05	3	8.09	-2.77	33	637	34	
HALE LOUD DAM	87	42	66	-1	1.44	3	8.73	-0.30	38	830	172	
ONAWAY 4N	90	43	64	-3	0.07	1	6.31	-1.97	17	542	-180	
<b>West Central LP</b>												
MUSKEGON COUNTY AP	88	50	70	0	0.25	1	8.85	-0.08	33	1035	177	
<b>Central LP</b>												
CENTRAL MICHIGAN UNIVERSITY	86	51	66	-4	0.22	1	8.74	-1.41	33	902	52	
GLADWIN	89	44	66	-3	0.57	2	8.42	-1.47	34	835	56	
MIDLAND	87	47	67	-4	0.11	1	7.17	-2.88	41	825	-87	
<b>East Central LP</b>												
BAD AXE	88	45	67	-1	0.47	2	7.19	-2.18	42	860	106	
SAGINAW #3	90	49	70	-1	0.00	0	8.62	-1.73	36	990	77	
SAGINAW MBS INTL AP	89	49	69	-1	0.22	2	7.65	-1.87	43	1037	141	
VASSAR	89	42	67	-2	0.20	1	7.58	-3.14	33	822	34	
<b>Southwest LP</b>												
BENTON HARBOR	93	46	69	-3	0.00	0	10.21	-0.38	33	1044	36	
GRAND RAPIDS GERALD R FORD INTL AP	89	48	70	-2	0.53	1	10.68	-0.78	36	1063	68	
GULL LAKE BIOLOGICAL STATION	83	44	66	-6	0.00	0	12.14	0.62	25	723	-377	
HOLLAND TULIP CITY AP	90	50	70	-2	0.00	0	10.22	-0.83	32	1022	24	
<b>South Central LP</b>												
COLDWATER ST SCHOOL	89	46	69	-1	0.00	0	9.37	-2.06	29	1009	63	
HASTINGS	90	45	68	-2	0.01	1	11.82	0.47	38	940	80	
JACKSON REYNOLDS FIELD	91	41	69	-2	0.15	1	8.57	-0.95	39	1041	103	
LANSING CAPITAL CITY AP	90	50	71	0	0.34	1	9.85	-0.27	39	1200	261	
THREE RIVERS	90	47	69	-3	0.22	1	8.49	-2.84	31	809	-213	
<b>Southeast LP</b>												
ADRIAN 2 NNE	89	46	70	-1	0.17	1	9.13	-2.11	42	1069	175	
ANN ARBOR U OF MICH	89	42	68	-4	0.19	2	11.15	0.50	48	1047	11	
CHELSEA	90	45	68	-3	0.10	2	9.87	0.16	39	1040	116	
FARMINGTON	89	46	69	-2	0.32	2	8.65	-1.07	33	988	96	
MANCHESTER	90	45	68	-2	0.31	1	10.65	0.15	32	1033	117	
PORT HURON	89	53	70	0	0.06	1	7.07	-2.64	34	948	84	

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.