



Michigan Crop Weather

MI-CW2823

July 10, 2023

Field Crops

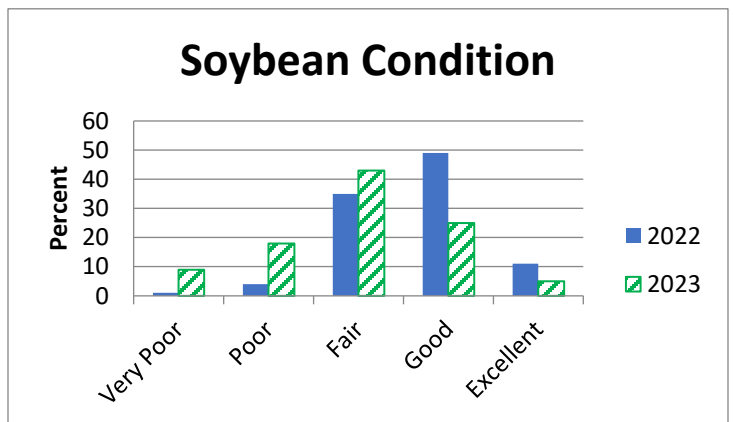
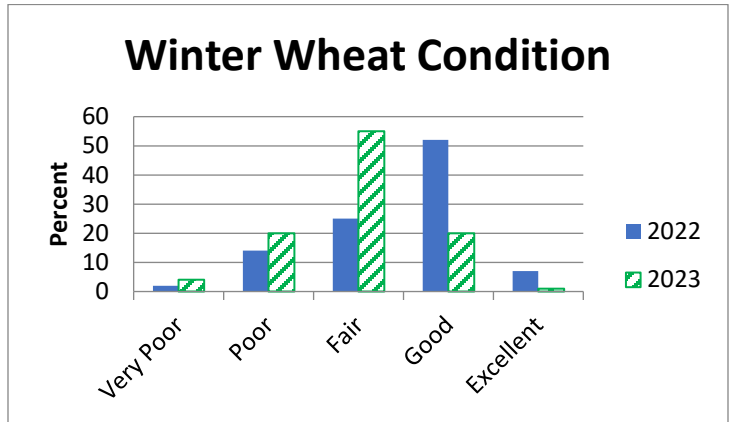
Scattered rains last week helped fields that received precipitation, according to Marlo D. Johnson, Director of the Great Lakes Regional Office of the National Agricultural Statistics Service. There were 4.6 days suitable for fieldwork in Michigan during the week ending July 9, 2023. According to the latest U.S. Drought Monitor, counties in the western half of the Upper Peninsula and 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. **Wheat** harvest began in the most southern portions of the Lower Peninsula. Early yield reports were mixed. Field crop conditions were highly variable across the State depending on time of planting and rainfall received. Some **corn** and **soybean** fields appeared to be excellent while others were struggling.

Fruit

Soil moisture levels increased with the precipitation received over the last few weeks. Despite the recent wet weather, the overall precipitation total for the season remained in a deficit according to the U.S. Drought Monitor. Air quality improved last week after the week of smoke from the wildfires in Canada. In the Southwest, **apples** were sizing rapidly, with branches starting to bend under the weight. In the Southeast, King fruit observed in Fenton and Romeo were around 55 millimeters. In the South and West Central, many farmers have started to harvest **tart cherries**. For others, harvest was still a few weeks out. Fruit size was somewhat smaller than usual, but quality was good. In the Southwest, **peach** harvest of early varieties was underway. In the Southeast, many farmers completed their first round of hand thinning peaches. Peach pits at Fenton and Romeo were at pit hardening. **Blueberry** harvest began in Southwest Michigan. U-pick farms opened. Bluecrop and Duke were being harvested for fresh markets and at U-pick locations.

Vegetables

Increased disease presence was detected on Michigan vegetable crops, prompting growers to take the necessary steps to protect their produce. Notable disease detections included purple spot on **asparagus** and foliar diseases on **tomatoes**. **Peppers** and **tomatoes** were setting subsequent fruit after their first set, while **hard squash** and **pumpkin** plantings were nearing conclusion. Some **summer squash** and **zucchini** fields in the Southwest experienced pollination issues due to erratic weather conditions. Meanwhile, harvest was approaching for first plantings of **sweet corn**, and harvest was underway for **beets** and **radishes**.



Crop Condition: Week Ending 07/09/23

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn.....	8	14	42	30	6
Soybeans	9	18	43	25	5
Winter Wheat	4	20	55	20	1
Barley	8	29	54	9	0
Dry Edible Beans.....	3	12	34	40	11
Oats	12	30	43	13	2
Sugarbeets	3	13	34	41	9
Range and Pasture	13	40	33	12	2

Crop Progress: Week Ending 07/09/23

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork..	4.6	4.4	-	-
Corn Silking	3	0	2	3
Soybeans Blooming.....	23	10	33	23
Soybeans Setting Pods.....	1	0	6	2
Winter Wheat Mature.....	41	22	55	54
Winter Wheat Harvested	3	0	7	8
Barley Headed	22	6	56	NA
Dry Edible Beans Planted.....	95	92	97	NA
Dry Edible Beans Emerged ...	90	85	94	NA
Dry Edible Beans Blooming..	1	NA	NA	NA
Alfalfa Hay 2nd Cutting	33	21	44	32
Other Hay 2nd Cutting	14	8	23	14
Oats Headed	48	38	73	75

Soil Moisture: Week Ending 07/09/23

Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture.....	11	27	52	10
Subsoil moisture.....	29	36	28	7

Weather Summary For Michigan

Week Ending 2023-07-09

Since April 1

	Week Ending 2023-07-09						Since April 1					
	Temperature			Precipitation			Precipitation			GDD Base 50		
	High	Low	Avg	DFN	Total	Days	Total	DFN	Days	Total	DFN	
Upper Peninsula												
ALBERTA FORD FOR CENTER	87	55	70	5	1.55	1	13.31	3.57	30	679	14	
HANCOCK HOUGHTON COUNTY AP	86	49	65	1	0.65	2	6.92	-0.82	33	726	185	
IRONWOOD	88	46	64	-2	0.09	2	13.35	2.60	39	809	138	
CHATHAM EXPERIMENT FARM 2	90	39	65	0	0.66	2	11.93	2.66	32	624	22	
Northwest LP												
BEULAH 7SSW	90	51	70	2	0.02	1	5.90	-4.56	30	987	159	
FRANKFORT 2NE	83	56	70	2	0.13	1	5.31	-4.40	23	1056	296	
TRAVERSE CITY CHERRY CAPITAL AP	93	56	71	2	0.45	3	7.65	-1.72	28	1049	239	
Northeast LP												
ALPENA COUNTY REGIONAL AP	90	49	69	2	0.91	3	7.82	-0.75	31	828	132	
GAYLORD 9SSW	89	47	67	1	0.73	3	9.34	-0.61	29	907	203	
GLENNIE 2SE	90	48	68	1	2.12	3	11.12	-0.40	32	781	76	
HALE LOUD DAM	91	53	71	3	1.66	3	11.05	1.37	33	893	127	
ONAWAY 4N	90	46	68	-1	1.15	2	8.13	-0.69	28	661	-174	
West Central LP												
MUSKEGON COUNTY AP	90	56	72	1	0.27	3	4.92	-4.44	26	1215	231	
Central LP												
CENTRAL MICHIGAN UNIVERSITY	84	66	75	4	0.45	1	9.36	-1.31	21	982	6	
GLADWIN	90	53	71	1	3.12	5	11.67	1.26	32	969	74	
MIDLAND	85	54	70	-2	0.00	0	6.62	-3.92	24	707	-337	
East Central LP												
BAD AXE	91	56	72	3	1.11	4	9.79	-0.15	37	923	55	
SAGINAW #3	91	57	73	1	1.91	5	9.02	-1.95	37	1083	38	
SAGINAW MBS INTL AP	92	56	73	2	1.06	3	6.93	-3.08	31	1115	93	
VASSAR	91	59	72	3	2.02	3	7.72	-3.79	23	689	-213	
Southwest LP												
BENTON HARBOR	90	53	69	-3	0.84	3	8.58	-2.62	31	1081	-65	
DOWAGIAC 1 W	88	53	70	-1	0.97	5	10.78	-1.19	37	1007	-33	
GRAND RAPIDS GERALD R FORD INTL AP	91	55	73	0	0.43	4	6.78	-5.39	33	1192	62	
HOLLAND TULIP CITY AP	91	54	71	-2	0.36	1	5.40	-6.13	26	1160	30	
South Central LP												
COLDWATER ST SCHOOL	89	54	72	0	0.11	2	7.20	-4.98	25	1094	22	
HASTINGS	91	53	71	1	0.56	3	7.04	-4.92	29	1050	70	
JACKSON REYNOLDS FIELD	91	56	73	2	0.06	2	6.27	-3.89	30	847	-217	
LANSING CAPITAL CITY AP	92	57	74	3	0.63	4	7.22	-3.45	33	1232	163	
THREE RIVERS	92	54	73	0	0.36	3	6.06	-6.09	31	1191	32	
Southeast LP												
ADRIAN 2 NNE	90	58	75	4	0.71	2	7.64	-4.24	33	1116	96	
ANN ARBOR U OF MICH	90	60	73	1	0.27	4	9.76	-1.53	41	1053	-121	
CHELSEA	90	59	74	2	0.83	3	8.01	-2.34	31	1065	12	
FARMINGTON	91	61	74	2	0.55	3	10.10	-0.20	29	1060	41	
MANCHESTER	90	58	74	3	1.10	2	9.10	-1.95	32	1045	3	
PORT HURON	91	63	73	1	0.55	4	9.30	-1.02	31	1078	82	

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.