



# Michigan Crop Weather

## Field Crops

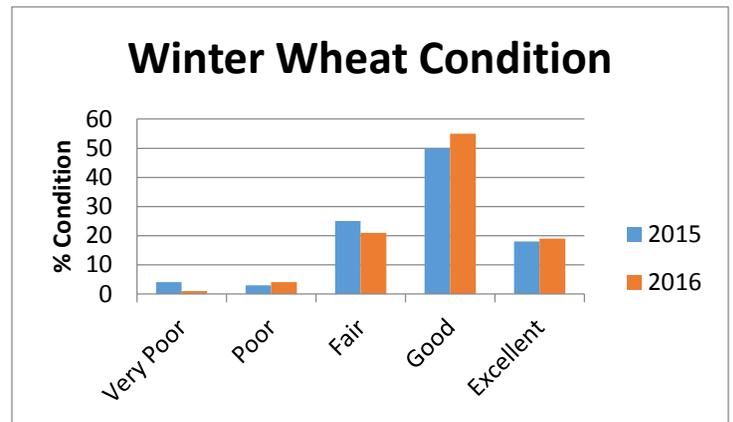
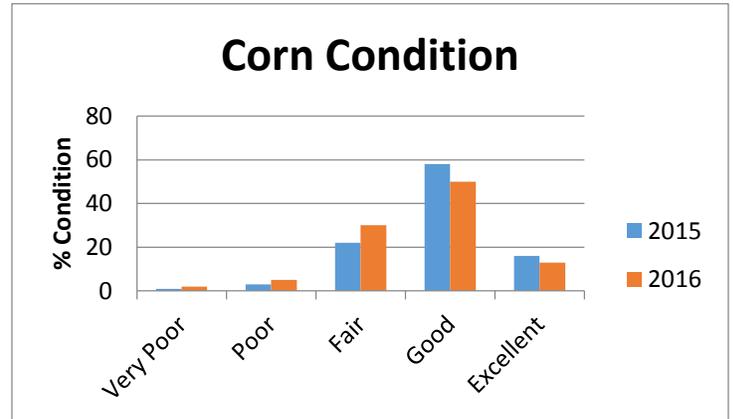
There were 5.7 days suitable for fieldwork in Michigan during the week ending June 19, 2016, according to the Great Lakes Regional office of the National Agricultural Statistics Service. Temperatures were fairly moderate at the beginning of the week, but heated up later reaching into the upper 80's and even low 90's in some parts of the Lower Peninsula. Mid-week rains were welcomed by many farmers, facilitating good progression of crop growth, but some farmers in the east reported that the rain came too hard too fast, and counties in the southern part of the State missed much of the rain and saw continued dry conditions. **Winter wheat** condition is mostly good; fungicide was applied to an increased number of wheat acres due to stripe rust. Herbicide applications were being made in **corn** and **soybeans**; **corn** and **soybeans** on heavy soils were in good condition, but these crops on lighter soils were showing signs of drought stress. Sunny weather over the weekend allowed many farmers to make **dry hay**; yields have varied in different locations. **Oats** have nearly fully emerged. **Dry beans** made good progress in emergence, but some farmers reported they might need to replant if more rain does not arrive soon.

## Fruit

While the mid-week rains helped in sizing fruit in the west and northwest regions, high winds and hail accompanied the rain in the southwest; damage to berries and tree fruits from this storm was still being assessed. **Apples** ranged from 18 to 30 millimeters depending upon variety and site; frost rings were reported in some orchards in the southwest while in the northwest, fire blight symptoms appeared in some orchards. **Pears** were at 15 to 25 millimeters in diameter. Hand thinning continued in **peaches** and **plums**. Final swell in **apricots** began; harvest is expected in a few weeks. **Sweet cherry** harvest began in the southwest; bird pressure was reported as high across the State as fruit has gained size and color. A large crop of **tart cherries** was expected in the northwest, which were at pit hardening. **Strawberry** harvest was in full swing; some reports of problems with sap beetles and smaller fruit from later blooms were reported. **Blueberries** were at the green fruit stage with a heavy fruit set; Spotted Wing Drosophila (SWD) were being trapped at sites in the southwest and west central regions. Bloom was ending in juice and hybrid wine **grapes** in the southwest, while in the northwest, wine **grapes** were in a pre-boom stage. Summer **raspberries** were in the green fruit stage and **cranberries** were in bloom.

## Vegetables

**Pepper** and **eggplant** transplanting was mostly complete in the southwest. **Yellow squash**, **zucchini**, and **cucumber** harvest was expected to begin soon. **Pickling cucumbers**, **winter squash**, and **pumpkins** were being seeded in the eastern region. **Onions** were showing strong development despite fairly prominent insect pressure. **Asparagus** harvest in Oceana County was nearing completion with most fields expected to be shut down soon. **Carrot** growth and condition in the western region looked good as scouting and spraying activities continued. **Potato** hilling, cultivation, and side dressing was on-going in the central region. Late plantings of **sweet corn** continued as weather allowed.



Crop Condition: Week Ending 06/19/16

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn.....	2	5	30	50	13
Soybeans .....	2	5	25	58	10
Winter Wheat .....	1	4	21	55	19
Oats .....	0	1	18	62	19
Sugarbeets .....	2	4	18	63	13
Range and Pasture ....	2	7	29	52	10

Crop Progress: Week Ending 06/19/16

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork..	5.7	6.3	-	-
Corn Emerged .....	96	92	99	98
Soybeans Emerged .....	93	76	95	90
Winter Wheat Headed .....	93	88	96	98
Winter Wheat Mature .....	8	1	1	0
Dry Edible Beans Planted.....	84	70	73	79
Dry Edible Beans Emerged ...	34	7	41	43
Alfalfa Hay 1st Cutting .....	79	63	68	NA
Alfalfa Hay 2nd Cutting .....	4	0	2	NA
Other Hay 1st Cutting.....	57	42	41	NA
Oats Emerged .....	95	91	99	99
Oats Headed .....	27	13	40	44

Soil Moisture: Week Ending 06/19/16

Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture.....	15	32	50	3
Subsoil moisture.....	7	30	58	5

LAST WEEK WEATHER SUMMARY DATA April 1, 2016 - June 19, 2016													
STATION	TEMPERATURE						PRECIPITATION 4IN			PRECIPITATION			GDD BASE 50F
	HI	LO	AVG	DFN	TOTAL	DAYS	SOIL		TOTAL	DFN	DYS	TOTAL	DFN
							TEMP						
<b>10 Western UP</b>													
Clarksburg	89	41	61	+0	0.19	2			7.80	+1.03	36	310	-24
Hancock_Houghto	83	46	61	+1	1.10	3			7.00	+1.03	33	330	-2
Ironwood_Ag	85	44	63	+2	2.90	4			13.77	+6.03	40	407	+38
Marquette_Ag	82	46	58	-4	0.31	2			8.37	+1.60	36	239	-95
Menominee_AP	85	51	64	-2	1.36	5			5.84	-2.28	38	456	-59
Norway	86	47	64	+0	1.04	3			7.02	-0.49	34	465	+11
Paulding	84	46	63	+3	0.62	4			9.69	+2.10	39	402	+64
Stambaugh	85	43	63	+4	0.74	4			9.23	+1.54	37	360	+52
<b>10 Eastern UP</b>													
Chatham_Exp_Far	83	44	61	+0	0.66	3			8.63	+2.72	38	350	+4
Garden_Corners	84	46	63	+2	0.54	2			6.92	+0.19	33	340	-14
Manistique_WWTP	77	46	60	+2	0.92	2			8.00	+1.44	28	253	+8
Moran	86	44	62	+1	0.29	1			6.07	+0.08	29	297	-33
Newberry_City	85	44	61	-1	0.23	1			6.86	+0.45	39	287	-85
Rudyard_4N	87	40	61	+2	0.16	1			5.35	-1.03	30	285	-38
Sault_Ste_Marie	87	45	64	+5	0.88	1			6.42	-0.53	30	398	+105
<b>20 Northwest LP</b>													
Antrim_Co_Arpt	86	42	64	+2	0.42	4			4.02	-2.48	40	513	+139
Beulah_7SSW	86	49	65	+2	1.78	3			6.01	-1.27	31	568	+100
Cadillac_WWTP	87	45	64	+2	1.13	4			7.08	-0.35	33	510	+98
East_Jordan_2NW	85	44	63	-2	0.50	1			7.24	+0.52	29	469	+5
Kalkaska_Ag	87	43	64	+2	0.55	2			5.75	-1.27	31	484	+79
Lake_City_Exp_F	88	42	64	+1	0.46	4			7.06	-0.41	34	463	+45
NW_Michigan_Res	85	51	65	+4	0.53	4	72		5.75	-0.75	31	535	+161
Pellston_Regnl	88	42	63	+3	0.70	1			5.32	-1.18	29	430	+94
Traverse_City_M	88	48	64	-2	0.18	3			5.91	-1.19	30	502	+22
<b>30 Northeast LP</b>													
Alpena_Co_Regio	90	42	64	+3	0.40	1			6.17	-0.31	29	458	+101
Atlanta_5WNW	88	39	61	-3	0.79	1			6.53	+0.95	24	395	-37
Hale_5SSW	87	42	63	-1	1.12	3			6.43	-0.36	20	444	+31
Mio_WWTP	88	40	63	-2	0.74	1			6.85	+0.74	30	480	+47
Rogers_City_NO2	88	44	63	+2	0.70	1			6.44	+0.01	23	417	+63
Vanderbilt	87	44	64	+3	0.71	2			7.35	+0.61	27	419	+69
West_Branch	89	44	64	-1	0.82	3			7.28	-0.14	29	498	+16
<b>40 West Central LP</b>													
Fremont_4WSW	89	52	69	+6	0.70	3			6.53	-1.46	31	643	+166
Hart_3WSW	90	50	67	+3	0.97	3			5.54	-2.50	38	572	+78
Ludington_Mason	84	46	64	-2	0.55	3			3.98	-3.58	42	476	-49
Muskegon_Co_AP	87	53	69	+5	1.26	3			7.50	-0.06	34	687	+146
<b>50 Central LP</b>													
Alma_Ag	89	51	68	+2	0.42	2			7.00	-0.98	29	613	+24
Big_Rapids_WTR	88	47	65	+0	0.72	4			8.71	+0.45	36	501	-38
Gladwin	89	47	66	+2	0.37	2			7.38	-0.17	30	557	+56
Mount_Pleasant	89	45	67	+0	0.43	4			3.87	-4.21	41	605	+33
Oil_City_3E	88	43	65	-5	0.40	2			6.71	-0.91	36	499	-197
Reed_City_WWTP	87	48	66	+3	0.69	4			8.38	+0.48	36	538	+81
<b>60 East Central LP</b>													
Auburn_2NE	90	48	65	-5	1.45	2			8.16	+0.54	30	568	-128
Bad_Axe_Ag	87	47	64	-1	1.18	2			6.13	-1.37	29	533	+67
Saginaw_NO3	90	51	67	-3	1.98	2			8.81	+0.60	30	672	-48
Sandusky	87	50	66	-1	0.95	2			7.54	+0.93	25	585	+38
Vassar	88	42	65	-2	1.10	2			6.19	-1.90	28	565	-35
<b>70 Southwest LP</b>													
Benton_Harbor_A	87	46	69	+3	0.20	2			7.95	-1.39	33	729	+118
Bloomington	89	48	68	+2	0.73	3			7.94	-1.37	28	655	+62
Dowagiac	87	48	69	+2	0.82	3			8.49	-1.08	32	701	+44
East_Grand_Rapi	88	54	68	+1	0.78	3			9.29	+0.13	33	619	-28
Kalamazoo_Intl	88	50	70	+1	0.86	3			8.01	-1.33	34	787	+5
Kent_City	88	46	66	+1	0.58	3			8.26	+0.70	36	508	-33
<b>80 South Central LP</b>													
Battle_Creek_5N	90	48	71	+4	0.25	2			7.48	-1.59	31	778	+118
Charlotte_WWTP	88	50	68	+2	0.65	4			8.98	+0.35	38	628	+28
Coldwater_Branc	88	51	71	+4	0.55	3			5.22	-4.12	39	744	+111
Hastings	88	51	68	+2	0.88	2			9.63	+0.63	35	634	+32
Hillsdale_Ag	88	48	68	+2	0.14	2			6.99	-3.04	32	661	+70
Lansing	90	50	69	+3	0.34	3			7.00	-1.14	33	717	+122
Owosso_WWTP	89	48	67	+2	0.15	2			6.89	-0.79	34	630	+70
Three_Rivers_Ag	87	49	69	+2	1.50	4			8.55	-0.79	35	688	+57
<b>90 Southeast LP</b>													
Burton	86	43	65	-3	0.33	2			7.17	-0.59	36	553	-29
Farmington	88	47	68	-3	0.42	1			6.94	-1.54	27	617	-120
Grosse_Pte_Farm	84	50	68	-2	0.16	2			5.08	-3.24	23	655	-54
Lapeer_WWTP	88	47	66	+0	0.88	2			7.43	-0.19	27	620	+81
Newport_4SSE	88	49	70	-2	0.23	2			4.70	-3.94	33	691	-118
Richmond_4NNW	88	50	67	-1	0.24	2			6.59	-1.15	25	639	+28
Saline_WWTP	90	42	68	-2	0.97	3			7.96	-0.53	36	667	-42
Tipton	88	46	69	+2	0.10	2			7.58	-1.59	28	665	+10
Whitmore_Lake	88	46	67	-2	0.09	1			6.58	-1.09	28	597	-4
Yale	86	48	65	-2	0.52	2			6.90	+0.29	25	527	-20