



# Michigan Crop Weather

## Field Crops

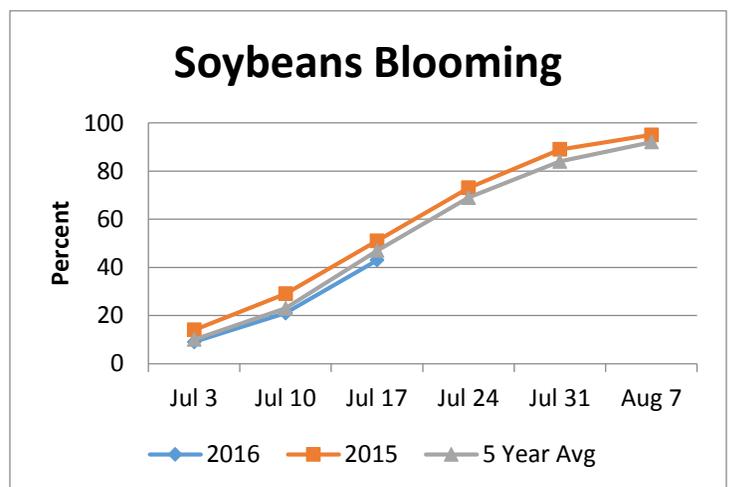
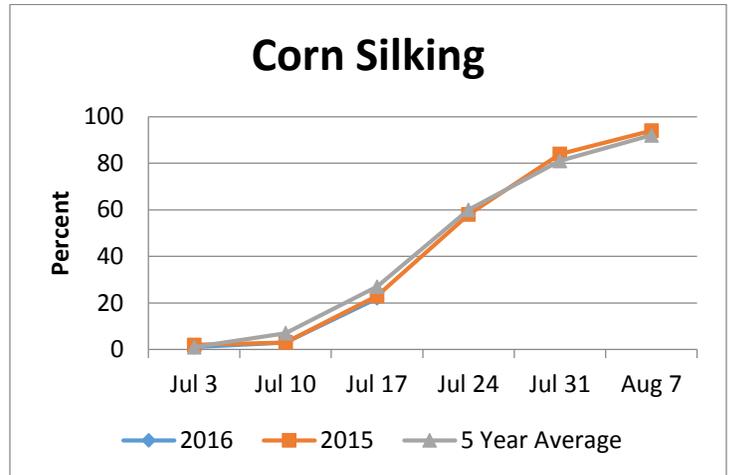
There were 5.9 days suitable for fieldwork in Michigan during the week ending July 17, 2016, according to Marlo Johnson, Director of the Great Lakes Regional office of the National Agricultural Statistics Service. Scattered rain showers occurred throughout the State last week, although overall conditions remained very dry. Those in areas that received over an inch of rain reported improved crop conditions, but row crops were beginning to suffer from the persistent lack of moisture. Some **corn** continued to put on height after the recent rains and was beginning to tassel, other fields were barley knee high. Both **corn** and **soybeans** could use some rain to aid in cob fill and pod setting. Spraying occurred in **soybeans** last week as weed control became a concern. The **sugarbeet** crop was progressing nicely and some fungicide applications had begun. **Wheat** was drying down due to warm temperatures and dry winds and harvest had gained some momentum. **Hay** harvest also continued and some first cutting **hay** was still being baled.

## Fruit

Continued dry conditions have kept fruit diseases in check, but have also kept fruit sizes small and also put stress on young trees. Rains this week were expected to provide some relief, but in the northwest, hail storms brought damage to **apples**, **wine grapes**, and both **sweet** and **tart cherries**. **Apricot** harvest continued; weather conditions have been good for skin color and fruit flavor. **Peaches** were up to 2 inches in diameter; harvest of Desiree, Earlystar, Harrow Diamond, and other early **peaches** started in some orchards in the southwest. **Sweet cherry** harvest was mostly finished in the south and east while **tart cherry** harvest was mostly wrapped up in the southwest. European **plums** were an inch in diameter while Japanese types were approaching 1.75 inches. **Apple** fruit were over 2 inches in diameter while **pears** were over 1.5 inches in diameter. **Juice grapes** were at berry touch and approaching bunch closure while **vinifera grapes** were just beyond buckshot berry size. **Blueberry** harvest continued with the first picking of Bluecrop for fresh market while Duke and other early varieties were still harvesting; fruit quality and yield harvested have been reported as good so far. **Bramble** harvest was underway on black raspberries and summer red raspberries.

## Vegetables

In eastern Michigan, red and white new **potatoes** for the fresh market as well as **cabbage** and **broccoli** were being harvested. Harvest of red **beet** and **summer squash** continued. **Winter squash** and **pumpkins** were flowering. Many **potato** fields were blossoming and setting tubers in central Michigan. Early **sweet corn** planted into plastic were harvested. **Summer squash** harvest was in its second week for many growers. Pickling **cucumber** planting continued. **Peppers** and **eggplant** were setting and fruiting well in southwest Michigan, although aphids and tarnished bug populations were increasing, especially in **peppers**. Most **zucchini** and **yellow squash** producers were on an everyday harvest schedule due to weather conditions. In some west Michigan locations, **sweet corn** growers reported observing caterpillars in the tassel or on harvested ears.



Crop Condition: Week Ending 07/17/16

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn.....	2	10	29	46	13
Soybeans .....	4	9	27	49	11
Winter Wheat .....	1	5	22	52	20
Dry Edible Beans.....	4	6	25	47	18
Oats .....	1	5	26	51	17
Sugarbeets .....	2	3	21	59	15
Range and Pasture ....	5	19	30	38	8

Crop Progress: Week Ending 07/17/16

Crop/Activity	Percent Completed			
	This week	Last week	Last Year	5 Year average
Days Suitable for Fieldwork..	5.9	5.5	-	-
Corn Silking .....	22	3	23	27
Soybeans Blooming.....	43	21	51	47
Soybeans Setting Pods.....	8	1	8	7
Winter Wheat Harvested .....	43	15	6	37
Dry Edible Beans Blooming..	8	0	1	17
Alfalfa Hay 2nd Cutting .....	54	43	45	NA
Other Hay 1st Cutting.....	88	87	77	NA
Other Hay 2nd Cutting .....	30	22	23	NA
Oats Headed .....	96	91	93	96
Oats Mature .....	18	NA	12	NA

Soil Moisture: Week Ending 07/17/16

Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture.....	16	33	48	3
Subsoil moisture.....	15	34	49	2

Weather Summary for Michigan prepared by AWIS.com from NWS preliminary data  
For the Period July 11, 2016 to July 17, 2016

LAST WEEK WEATHER SUMMARY DATA April 1, 2016 - July 17, 2016												
STATION	TEMPERATURE				PRECIPITATION 4IN AVG			PRECIPITATION			GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DAYS	SOIL TEMP	TOTAL	DFN	DYS	TOTAL	DFN
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<b>10 Western UP</b>												
Clarksburg	86	38	63	-4	1.41	5		11.13	+1.93	46	668	-72
Hancock_Houghto	85	44	67	+2	0.73	3		9.64	+0.87	43	733	+10
Ironwood_Ag	82	51	66	+0	3.07	4		19.19	+7.61	54	820	+45
Marquette_Ag	90	42	67	+0	0.90	5		11.44	+2.24	48	662	-78
Menominee_AP	87	48	71	+0	0.53	6		8.40	-2.96	53	975	-80
Norway	88	49	68	+0	0.52	4		10.03	-0.74	45	961	+37
Paulding	84	46	65	+0	2.47	4		15.07	+4.48	51	777	+48
Stambaugh	83	41	65	+2	0.98	5		11.55	+0.22	48	749	+81
<b>10 Eastern UP</b>												
Chatham_Exp_Far	87	41	66	+1	0.53	4		11.09	+2.11	50	772	+29
Garden_Corners	84	37	66	-2	0.35	2		9.70	+0.45	41	767	-17
Manistique_WWTP	84	44	64	-2	0.43	1		11.66	+2.19	34	618	+22
Moran	88	40	66	-2	0.46	3		9.00	+0.49	36	720	-46
Newberry_City	89	43	66	+1	1.41	5		10.67	+1.37	52	667	-109
Rudyard_4N	87	44	68	+5	0.70	4		7.56	-1.71	41	668	-17
Sault_Ste_Marie	89	48	69	+6	0.36	2		9.02	-0.76	39	867	+233
<b>20 Northwest LP</b>												
Antrim_Co_Arpt	92	44	71	+4	0.21	3		5.19	-3.73	53	1015	+207
Beulah_7SSW	90	47	70	+2	0.32	3		7.21	-2.96	39	1092	+144
Cadillac_WWTP	87	45	69	+2	0.52	2		10.16	-0.07	43	1007	+152
East_Jordan_2NW	91	45	69	+2	0.37	2		8.74	-0.72	35	948	+19
Kalkaska_Ag	90	47	69	+4	0.34	2		7.22	-2.81	39	962	+131
Lake_City_Exp_F	87	44	68	+2	0.42	5		11.46	+1.40	46	945	+85
NW_Michigan_Res	92	52	71	+5	0.16	3	79	7.65	-1.27	39	1082	+274
Pellston_Regnl	92	37	69	+4	0.38	4		6.96	-1.44	41	896	+159
Traverse_City_M	93	48	70	+0	0.39	5		7.81	-2.29	39	1027	+34
<b>30 Northeast LP</b>												
Alpena_Co_Regio	94	47	71	+5	0.09	3		7.87	-1.26	37	1001	+213
Atlanta_5WNW	91	41	67	-2	0.21	2		9.11	+1.09	31	838	-61
Hale_5SSW	88	46	69	+2	0.46	1		8.47	-1.14	26	917	+37
Mio_WWTP	90	44	69	+1	0.12	5		8.50	-0.15	43	967	+54
Rogers_City_NO2	91	45	69	+3	0.34	2		7.50	-1.45	28	932	+140
Vanderbilt	92	37	67	+2	1.30	2		10.36	+0.94	33	807	+57
West_Branch	88	48	70	+2	0.20	2		10.29	+0.24	36	1010	+37
<b>40 West Central LP</b>												
Fremont_4WSW	87	50	71	+3	0.37	1		8.27	-2.04	35	1193	+236
Hart_3WSW	84	47	69	-1	0.36	3		8.77	-1.93	48	1072	+81
Ludington_Mason	84	45	69	-2	0.40	4		6.15	-3.77	53	940	-91
Muskegon_Co_AP	89	53	73	+4	0.73	2		9.09	-0.52	41	1263	+203
<b>50 Central LP</b>												
Alma_Ag	91	53	72	+2	0.87	2		9.65	-0.85	35	1195	+52
Big_Rapids_WTR	87	48	69	-2	0.25	4		12.58	+1.86	46	985	-68
Gladwin	91	51	72	+4	0.13	2		9.45	-0.78	36	1118	+117
Mount_Pleasant	93	53	73	+3	0.41	5		5.45	-5.33	52	1179	+59
Oil_City_3E	88	50	70	-4	1.10	4		9.51	-0.52	45	982	-322
Reed_City_WWTP	89	50	71	+4	0.94	4		12.15	+1.84	47	1068	+148
<b>60 East Central LP</b>												
Auburn_2NE	92	54	73	+1	0.51	3		9.81	-0.22	37	1134	-170
Bad_Axe_Ag	90	53	72	+4	0.00	0		7.79	-2.42	35	1089	+121
Saginaw_NO3	92	57	74	+2	0.13	3		10.75	-0.16	36	1294	-43
Sandusky	90	55	73	+4	0.49	2		9.87	+0.65	33	1164	+82
Vassar	91	54	73	+3	0.24	2		8.66	-2.20	34	1114	-44
<b>70 Southwest LP</b>												
Benton_Harbor_A	94	50	75	+4	0.01	1		9.47	-2.99	43	1336	+164
Bloomington	93	53	73	+3	0.25	1		9.66	-3.14	35	1221	+92
Dowagiac	90	55	73	+2	0.38	1		10.50	-2.39	40	1251	+21
East_Grand_Rapi	91	54	72	+1	0.77	4		11.20	-1.32	41	1174	-43
Kalamazoo_Intl	93	54	75	+2	0.07	1		10.53	-2.33	40	1416	+8
Kent_City	89	50	71	+2	0.55	4		9.45	-0.16	44	1040	-20
<b>80 South Central LP</b>												
Battle_Creek_5N	92	53	72	+1	0.26	4		8.61	-3.56	39	1339	+115
Charlotte_WWTP	90	54	72	+3	1.14	3		10.66	-0.93	43	1206	+64
Coldwater_Branc	88	55	73	+3	0.28	2		7.02	-5.68	48	1332	+143
Hastings	91	53	72	+2	1.15	4		11.29	-0.92	44	1192	+38
Hillsdale_Ag	90	53	74	+4	0.69	2		10.23	-3.28	41	1241	+102
Lansing	92	53	74	+4	0.42	2		8.88	-2.02	39	1334	+199
Owosso_WWTP	92	55	73	+4	1.28	3		9.70	-0.60	40	1214	+122
Three_Rivers_Ag	91	54	73	+2	0.71	2		10.93	-2.05	44	1252	+50
<b>90 Southeast LP</b>												
Burton	90	53	72	+3	0.63	4		9.49	-1.23	46	1094	-35
Farmington	91	58	74	+0	0.41	4		9.21	-2.37	38	1231	-141
Grosse_Pte_Farm	91	62	76	+2	0.16	3		8.80	-2.69	31	1303	-37
Lapeer_WWTP	91	55	74	+4	0.82	3		10.44	-0.07	35	1214	+142
Newport_4SSE	94	60	78	+4	0.54	1		8.23	-3.54	42	1354	-113
Richmond_4NNW	90	58	74	+3	1.09	2		11.35	+0.48	33	1239	+45
Saline_WWTP	91	56	74	+2	0.42	2		9.34	-2.09	42	1284	-30
Tipton	92	56	73	+2	1.11	3		10.24	-1.92	38	1256	+21
Whitmore_Lake	91	57	73	+3	0.55	3		10.11	-0.02	34	1158	-4
Yale	87	54	72	+3	0.75	3		9.41	+0.19	32	1096	+14

Summary based on NWS data. DFN = Departure from Normal. Precipitation (rain or melted snow/ice) in inches. Air Temperatures in Degrees Fahrenheit. Normals period 1971-2000 Used in DFN calculations. For more weather information visit [www.awis.com](http://www.awis.com) or call 1-888-798-9955. Copyright 2016: Agricultural Weather Information Service, Inc. All rights reserved.