



MI-CW2816

Michigan Crop Weather

July 11, 2016

Field Crops

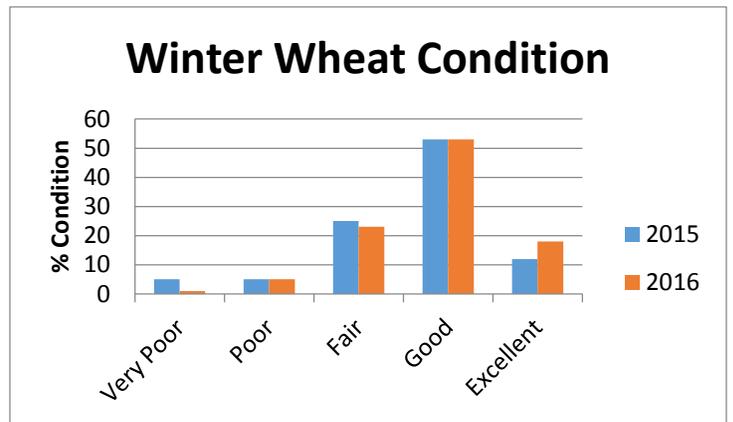
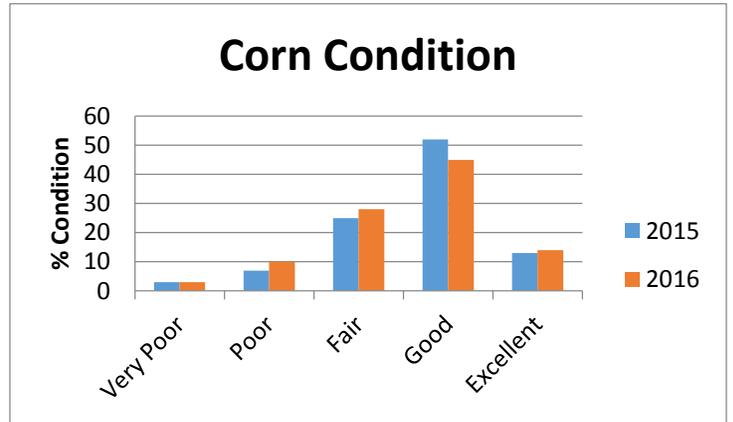
There were 5.5 days suitable for fieldwork in Michigan during the week ending July 10, 2016, according to Marlo Johnson, Director of the Great Lakes Regional office of the National Agricultural Statistics Service. Variable thunderstorms late in the week brought much needed moisture to the State, and while many received heavy rains, others received none. Hail and strong winds accompanied the storm system in several areas, and in some instances caused damage to **corn**, **soybean** and **wheat** fields. Overall, the rain was beneficial to both **corn** and **soybeans**, even though much more is needed to recover from the recent dry weather. **Winter wheat** harvest was underway in most areas and initial yields were being reported as good. Initial herbicide applications were applied to **dry beans**, and the crop has continued to improve with the additional rainfall. **Hay** also benefitted from the rainfall. The first cutting was nearing completion, although there were still concerns that the second cutting will be short if dry conditions remain.

Fruit

Fruit growers continued to devote a great deal of time to irrigation activities as plant stress due to lack of rain is becoming more common. Spotted wing Drosophila reports have been low in susceptible crops, but have been steadily increasing. **Apricot** harvest began in the southwest with color picking of early varieties while harvest of a few early **peach** varieties continued in the south and east. **Sweet cherry** harvest was underway in most parts of the State; reports of bird feeding problems in **sweet cherry** orchards continued. **Tart cherry** harvest was underway in the southwest while growers in the west central region anticipated starting harvest this week. **Blueberries** harvest started with Duke, Bluetta, and other early varieties; early harvest reports have been positive, but some fields have shown low productivity due to two years of winter damage. **Bramble** harvest continued for black and summer red **raspberry** varieties. **Strawberry** fields were being renovated. **Japanese plums** were over an inch in diameter while **European plums** were 20 to 24 millimeters in diameter; crop load was reported as variable. **Apple** fruit were up to two inches in diameter while pear fruit were near 1.5 inches in diameter; growers continued to monitor orchards for disease and pests. Concord **grapes** were at berry touch while European varieties were at buckshot berry.

Vegetables

Harvest volume of **zucchini**, **yellow squash** and **cucumbers** increased as more fields came into production in the southwest. Early **sweet corn** was tasseling/silking. Despite increasing populations of aphid and tarnished plant bug, **peppers** and **eggplant** were setting and sizing fruit well. In west central Michigan, **asparagus** growers were focused on applying protectant fungicides for asparagus purple spot and rust. Aphids and tarnished plant bugs seemed to be more abundant in **carrots** this year. There was a report of late blight in a **potato** plant in Branch County.



Crop Condition: Week Ending 07/10/16

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn.....	3	10	28	45	14
Soybeans	3	9	29	49	10
Winter Wheat	1	5	23	53	18
Dry Edible Beans.....	4	6	24	47	19
Oats	0	5	26	51	18
Sugarbeets	2	4	23	55	16
Range and Pasture	5	19	32	36	8

Crop Progress: Week Ending 07/10/16

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork..	5.5	6.3	-	-
Corn Silking	3	1	3	7
Soybeans Blooming.....	21	9	29	23
Soybeans Setting Pods.....	1	0	1	1
Winter Wheat Mature	78	55	63	NA
Winter Wheat Harvested	15	3	0	17
Alfalfa Hay 2nd Cutting	43	33	37	NA
Other Hay 1st Cutting.....	87	79	69	NA
Other Hay 2nd Cutting	22	12	17	NA
Oats Headed	91	81	87	91

Soil Moisture: Week Ending 07/10/16

Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture.....	13	32	50	5
Subsoil moisture.....	12	33	50	5

Weather Summary for Michigan prepared by AWIS.com from NWS preliminary data
For the Period July 4, 2016 to July 10, 2016

LAST WEEK WEATHER SUMMARY DATA April 1, 2016 - July 10, 2016														
STATION	TEMPERATURE						PRECIPITATION 4IN SOIL			PRECIPITATION			GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DAYS	TEMP	TOTAL	DFN	DYS	TOTAL	DFN		
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10 Western UP														
Clarksburg	89	42	65	-2	1.03	3		9.72	+1.08	41	572	-52		
Hancock_Houghto	81	50	65	+0	0.39	2		8.91	+0.84	40	612	+0		
Ironwood_Ag	85	53	66	+2	0.53	4		16.12	+5.45	50	707	+44		
Marquette_Ag	84	55	66	+2	0.56	4		10.54	+1.90	43	542	-82		
Menominee_AP	84	51	69	-2	0.56	4		7.87	-2.72	47	828	-80		
Norway	87	54	69	+3	0.12	4		9.51	-0.49	41	832	+34		
Paulding	87	48	66	+1	1.24	2		12.60	+2.71	47	669	+47		
Stambaugh	86	45	65	+3	0.21	2		10.57	+0.15	43	641	+71		
10 Eastern UP														
Chatham_Exp_Far	86	48	67	+3	0.52	4		10.56	+2.41	46	661	+26		
Garden_Corners	85	45	67	+2	0.94	3		9.35	+0.73	39	651	-11		
Manistique_WWTP	76	54	65	+2	2.23	3		11.23	+2.46	33	518	+23		
Moran	85	49	68	+2	2.22	2		8.54	+0.66	33	604	-39		
Newberry_City	82	51	67	+2	1.49	4		9.14	+0.54	47	558	-106		
Rudyard_4N	81	48	66	+3	1.24	4		6.86	-1.76	37	533	-51		
Sault_Ste_Marie	84	54	70	+7	2.04	4		8.66	-0.42	37	731	+195		
20 Northwest LP														
Antrim_Co_Arpt	85	48	69	+4	0.49	3		4.98	-3.39	50	868	+179		
Beulah_7SSW	83	52	70	+3	0.07	2		6.89	-2.58	36	950	+134		
Cadillac_WWTP	86	50	70	+4	1.40	3		9.64	+0.11	41	872	+136		
East_Jordan_2NW	84	48	69	+2	0.65	2		8.37	-0.39	33	810	+7		
Kalkaska_Ag	85	47	70	+5	0.47	2		6.88	-2.45	37	832	+113		
Lake_City_Exp_F	88	41	70	+4	2.18	2		10.54	+1.11	42	818	+77		
NW_Michigan_Res	83	57	71	+5	0.30	1	80	7.49	-0.88	36	933	+244		
Pellston_Regnl	84	45	68	+4	0.92	3		6.58	-1.40	37	759	+134		
Traverse_City_M	85	53	70	+2	0.34	1		7.42	-1.98	34	886	+33		
30 Northeast LP														
Alpena_Co_Regio	86	52	71	+6	0.85	3		7.78	-0.65	34	851	+182		
Atlanta_5WNW	85	46	68	+1	1.44	1		8.90	+1.51	29	712	-61		
Hale_5SSW	87	48	69	+2	0.76	2		8.01	-0.90	25	780	+26		
Mio_WWTP	87	47	69	+2	0.60	3		8.38	+0.38	38	832	+49		
Rogers_City_NO2	86	49	69	+3	0.36	1		7.12	-1.20	25	794	+123		
Vanderbilt	85	44	67	+3	1.24	2		8.35	-0.30	30	688	+46		
West_Branch	88	50	71	+3	1.72	2		10.09	+0.67	34	870	+30		
40 West Central LP														
Fremont_4WSW	85	54	71	+4	0.00	0		7.90	-1.92	34	1045	+218		
Hart_3WSW	85	48	69	+1	1.16	2		8.41	-1.69	45	938	+80		
Ludington_Mason	82	45	68	-2	0.76	2		5.75	-3.65	49	804	-90		
Muskegon_Co_AP	85	53	71	+3	0.03	1		8.36	-0.76	39	1098	+178		
50 Central LP														
Alma_Ag	89	53	73	+3	1.77	2		9.09	-0.85	33	1037	+41		
Big_Rapids_WTR	87	48	70	+1	2.09	2		12.33	+2.17	42	854	-59		
Gladwin	90	52	73	+5	1.41	2		9.32	-0.28	34	964	+96		
Mount_Pleasant	89	51	72	+3	0.61	3		5.04	-5.18	47	1016	+42		
Oil_City_3E	88	46	69	-4	1.11	2		8.41	-1.06	41	840	-303		
Reed_City_WWTP	85	50	71	+4	1.18	2		11.21	+1.39	43	921	+127		
60 East Central LP														
Auburn_2NE	92	49	72	-1	0.88	2		9.30	-0.17	34	974	-169		
Bad_Axe_Ag	86	52	72	+4	1.21	2		7.79	-1.72	35	931	+97		
Saginaw_NO3	91	55	74	+2	1.55	2		10.62	+0.20	33	1120	-56		
Sandusky	87	52	72	+3	1.36	3		9.38	+0.79	31	1000	+59		
Vassar	90	49	71	+1	2.12	2		8.42	-1.83	32	951	-60		
70 Southwest LP														
Benton_Harbor_A	89	53	73	+2	0.28	5		9.46	-2.27	42	1163	+138		
Bloomington	89	52	72	+3	0.49	2		9.41	-2.50	34	1061	+72		
Dowagiac	87	54	71	+0	0.19	4		10.12	-1.97	39	1093	+13		
East_Grand_Rapi	88	51	71	+0	0.26	1		10.43	-1.28	37	1017	-49		
Kalamazoo_Intl	88	56	73	+0	1.26	2		10.46	-1.56	39	1243	-3		
Kent_City	88	44	68	-2	0.06	1		8.90	-0.22	40	886	-34		
80 South Central LP														
Battle_Creek_5N	89	57	74	+4	0.44	1		8.35	-3.05	35	1185	+108		
Charlotte_WWTP	87	51	71	+2	0.27	2		9.73	-1.16	41	1048	+47		
Coldwater_Branc	87	57	72	+2	0.48	3		6.74	-5.12	46	1171	+129		
Hastings	87	50	71	+1	0.02	1		10.14	-1.37	40	1036	+29		
Hillsdale_Ag	87	53	71	+2	0.98	3		9.54	-3.20	39	1075	+81		
Lansing	90	51	73	+4	1.15	2		8.46	-1.88	37	1167	+173		
Owosso_WWTP	89	52	72	+3	1.14	2		8.42	-1.30	37	1048	+96		
Three_Rivers_Ag	88	53	72	+1	0.12	3		10.22	-1.85	42	1092	+40		
90 Southeast LP														
Burton	87	49	70	-1	1.25	3		8.86	-1.16	42	937	-46		
Farmington	92	52	73	+0	1.48	4		8.80	-2.08	34	1060	-144		
Grosse_Pte_Farm	89	50	73	+0	3.26	4		8.64	-2.08	28	1121	-51		
Lapeer_WWTP	89	51	73	+3	1.85	2		9.62	-0.19	32	1043	+112		
Newport_4SSE	93	55	74	+0	2.28	3		7.69	-3.38	41	1159	-140		
Richmond_4NNW	88	52	73	+2	2.22	3		10.26	+0.18	31	1072	+32		
Saline_WWTP	93	53	71	-2	0.53	2		8.92	-1.81	40	1114	-40		
Tipton	92	53	72	+2	0.90	2		9.13	-2.38	35	1090	+9		
Whitmore_Lake	88	50	71	+0	2.64	2		9.56	-0.01	31	996	-19		
Yale	88	49	72	+3	1.40	2		8.66	+0.07	29	932	-9		

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 or call 1-888-798-9955. Copyright 2016: Agricultural Weather Information Service, Inc. All rights reserved.