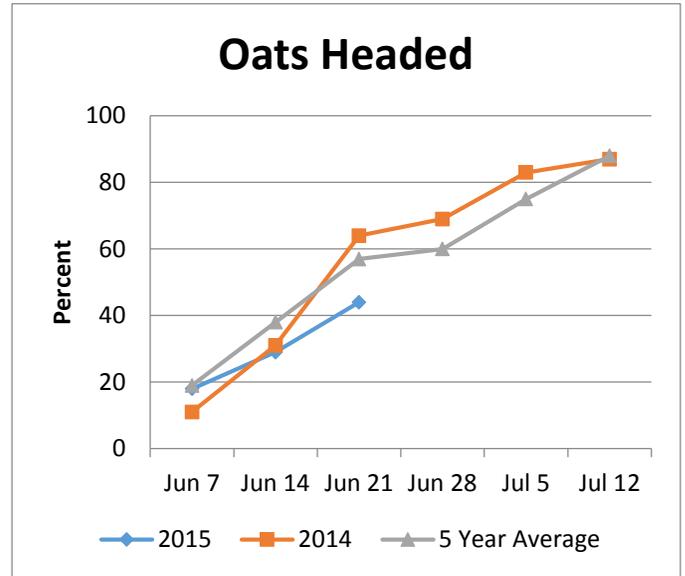




# Michigan Crop Weather

## Field Crops

There were 2.7 days suitable for fieldwork in Michigan during the week ending June 21, according to the Great Lakes Regional office of the National Agricultural Statistics Service. Producers spent much of the week waiting for fields to dry out so that tillage, spraying, and haymaking could continue. Some reporters indicated crop condition significantly worsened in areas where rain was excessive and drainage was poor. There were reports from across the State of **corn** and **soybeans** turning yellow and under stress and **dry edible beans** requiring replanting. Some growers in the Thumb indicated that they were starting to see damage in **sugarbeets** where heavy thunderstorms caused ponding. **Hay** producers have had few opportunities to bale dry hay between rains. **Wheat** still looked good this week as some of the crop was starting to turn color, but the wet weather had some concerned about the potential for disease. **Oats** and **barley** were progressing and expected to be in the boot stage soon.



## Fruit

Excessive recent rainfall had fruit growers across the State concerned about disease management and damage to young orchards. **Strawberry** harvest continued in the south; heavy rainfall was expected to bring an early end to harvest in some fields. **Blueberries** were sizing well with the rain, but water was standing in many fields. **Raspberry** bloom was winding down, and fruit was developing rapidly. **Blackberry** bloom continued. **Saskatoon** fruits were sizing and taking on a reddish cast. In the south, bloom was ending in **juice grapes** and was underway in **wine grapes**. In the north, bloom was expected to begin soon in wine grapes. **Apple** fruits were up to 1¼ inches in diameter for main season varieties and up to 1 ½ inches in diameter for summer apple varieties; June drop was in full swing for many growers in the southeast. **Bartlett pears** were up to 1 1/8 inches in diameter and **Harrow Sweet** were 7/8 inches; growers were removing waterspouts from trees in order to discourage pear psylla populations. **Peaches** were at 1.25 inches in diameter with pits still soft. The largest **apricot** fruit were over two inches in diameter. **Japanese plums** were about 1 inch in diameter and **European plums** were up to ¾ inches in diameter. **Sweet cherries** were at 16 to 20 millimeters; heavy drop began in the southwest. In the northwest, frost scars were evident in many sweet cherry blocks. **Tart cherries** were 12 to 16 millimeters in diameter and were turning straw color.

## Vegetables

Early planted **potatoes** in the eastern and central regions made good progress last week. Tassels were emerging from early planted **sweet corn** in the southwest. **Onion** development in the west continued to move along nicely. **Tomato**, **pepper**, and **eggplant** transplanting made significant progress in the southwest and was nearing completion. **Carrot** development in Oceana County was moving along nicely. Disease pressure continued to be the main area of concern for vegetable producers across the State. Insect pests have shown significant development and scouting activities have increased.

Crop Progress: Week Ending 06/21/15

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork..	2.7	3.1	-	-
Soybeans Emerged .....	96	92	94	91
Winter Wheat Headed .....	97	92	98	99
Winter Wheat Mature .....	2	0	NA	NA
Barley Planted .....	97	93	95	NA
Barley Emerged .....	90	89	92	NA
Barley Headed .....	6	NA	NA	NA
Dry Edible Beans Planted.....	74	70	89	86
Dry Edible Beans Emerged ...	48	23	62	56
Alfalfa Hay 1st Cutting .....	71	61	64	NA
Alfalfa Hay 2nd Cutting .....	3	0	NA	NA
Other Hay 1st Cutting.....	42	37	54	NA
Other Hay 2nd Cutting .....	1	0	NA	NA
Oats Headed .....	44	29	64	57

Crop Condition: Week Ending 06/21/15

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn.....	1	3	22	58	16
Soybeans .....	2	5	25	56	12
Winter Wheat .....	4	3	25	50	18
Barley .....	0	2	35	52	11
Oats .....	0	1	20	68	11
Sugarbeets .....	1	4	16	51	28
Range and Pasture ....	2	3	24	50	21

Soil Moisture: Week Ending 06/21/15

Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture.....	0	2	51	47
Subsoil moisture.....	1	1	60	38

Weather Summary for Michigan, Prepared by AWIS.com from NWS preliminary data  
 For the Period June 15, 2015 to June 21, 2015

STATION	LAST WEEK WEATHER SUMMARY DATA							April 1, 2015 - June 21, 2015				
	AVG							PRECIPITATION			GDD BASE 50F	
	TEMPERATURE		PRECIPITATION 4IN		SOIL			TOTAL	DFN	DYS	TOTAL	DFN
	HI	LO	AVG	DFN	TOTAL	DAYS	TEMP	TOTAL	DFN	DYS	TOTAL	DFN
<b>10 Western UP</b>												
Clarksburg	73	32	55	-6	0.38	4		8.14	+1.20	34	250	-95
Hancock_Houghto	75	40	56	-5	0.46	4		6.03	-0.11	35	299	-44
Ironwood_Ag	73	41	58	-4	1.49	5		9.51	+1.55	39	364	-17
Marquette_Ag	68	45	55	-6	0.26	5		8.37	+1.43	37	227	-118
Menominee_AP	75	41	61	-6	0.10	2		6.13	-2.20	29	453	-79
Norway	77	45	62	-3	0.48	2		12.99	+5.30	34	422	-47
Paulding	73	33	56	-6	0.71	5		6.45	-1.33	40	331	-19
Stambaugh	72	33	56	-5	1.01	3		9.08	+1.20	32	309	-10
<b>10 Eastern UP</b>												
Chatham_Exp_Far	75	36	57	-5	0.31	4		8.64	+2.58	36	305	-53
Garden_Corners	74	38	60	-3	0.12	3		8.95	+2.05	34	293	-73
Manistique_WWTP	69	43	57	-2	0.13	1		6.98	+0.24	26	159	-96
Moran	75	38	59	-3	0.28	1		6.81	+0.67	28	269	-74
Newberry_Luce_A	75	39	60	-2	0.05	2		5.50	-1.09	38	322	-62
Rudyard_4N	74	35	58	-3	0.34	2		6.90	+0.33	31	249	-85
Sault_Ste_Marie	76	41	60	+1	0.29	3		5.60	-1.54	26	351	+48
<b>20 Northwest LP</b>												
Antrim_Co_Arpt	81	40	63	+1	0.09	3		4.22	-2.45	42	538	+151
Beulah_7SSW	78	42	62	-3	0.06	1		9.62	+2.15	33	535	+52
Cadillac_WWTP	79	44	64	+1	0.30	3		9.70	+2.09	33	508	+82
East_Jordan_2NW	76	41	63	-2	0.06	2		8.73	+1.84	33	463	-15
Kalkaska_Ag	79	47	63	+0	0.25	3		8.55	+1.35	37	466	+47
Lake_City_Exp_F	78	45	64	+1	0.53	3		9.79	+2.14	35	484	+52
NW_Michigan_Res	77	46	64	+2	0.03	1	72	6.82	+0.15	31	528	+141
Pellston_Regnl	79	37	62	+2	0.04	3		7.55	+0.90	35	438	+90
Traverse_City_M	77	44	63	-2	0.02	1		8.03	+0.73	36	477	-19
<b>30 Northeast LP</b>												
Alpena_Co_Regio	80	38	62	+0	0.06	2		7.84	+1.20	32	483	+113
Atlanta_5WNW	79	37	61	-4	0.11	2		9.02	+3.31	28	404	-42
Hale_5SSW	81	39	62	-3	0.87	4		9.89	+2.92	32	448	+21
Mio_WWTP	80	37	64	-1	0.34	2		8.72	+2.46	33	539	+91
Rogers_City_NO2	75	42	59	-4	0.09	2		7.14	+0.55	20	349	-18
Vanderbilt	81	36	62	+1	0.00	0		5.77	-1.12	30	412	+50
West_Branch	82	42	65	+0	2.02	3		11.75	+4.16	34	528	+31
<b>40 West Central LP</b>												
Fremont_4WSW	78	48	65	+1	0.76	2		14.36	+6.16	32	562	+70
Hart_3WSW	80	47	65	+0	0.09	2		11.25	+3.01	37	558	+49
Ludington_Mason	78	44	64	-2	0.08	2		8.23	+0.49	38	600	+59
Muskegon_Co_AP	81	52	68	+3	0.15	2		9.73	+2.00	33	704	+147
<b>50 Central LP</b>												
Alma_Ag	82	51	67	+0	1.41	3		10.91	+2.73	33	613	+6
Big_Rapids_WTR	80	47	64	-2	0.37	2		13.68	+5.22	36	536	-19
Gladwin	85	47	67	+3	0.23	2		10.69	+2.95	32	619	+102
Mount_Pleasant	82	47	68	+1	0.41	4		8.56	+0.27	41	694	+104
Oil_City_3E	79	43	63	-6	0.84	2		11.22	+3.41	31	515	-201
Reed_City_WWTP	79	47	64	+1	0.07	1		12.80	+4.70	36	515	+44
<b>60 East Central LP</b>												
Auburn_2NE	82	48	66	-4	2.05	3		10.86	+3.05	32	619	-97
Bad_Axe_Ag	83	44	65	+0	0.75	3		7.98	+0.29	36	579	+97
Saginaw_NO3	83	50	69	-1	1.26	3		9.65	+1.22	33	718	-22
Sandusky	83	49	68	+2	0.73	2		6.33	-0.45	25	672	+108
Vassar	82	45	67	-1	0.87	4		8.51	+0.21	42	620	+2
<b>70 Southwest LP</b>												
Allendale	80	52	67	-1	1.26	4		11.58	+2.38	32	650	-1
Benton_Harbor_A	80	53	67	+0	2.24	3		10.20	+0.63	36	723	+94
Bloomington	83	55	69	+3	0.99	3		12.45	+2.91	31	800	+190
Dowagiac	82	58	70	+2	2.24	7		14.44	+4.65	46	787	+111
East_Grand_Rapi	80	53	68	+1	1.05	5		12.05	+2.65	34	703	+38
Kalamazoo_Intl	81	58	71	+2	1.09	3		11.51	+1.95	37	905	+102
<b>80 South Central LP</b>												
Battle_Creek_5N	83	57	70	+3	2.16	4		14.21	+4.92	45	852	+174
Charlotte_WWTP	81	55	69	+2	1.10	4		9.87	+1.02	41	719	+101
Coldwater_Branc	83	60	71	+4	1.10	5		7.72	-1.83	45	838	+187
Hastings	80	53	68	+1	1.40	4		12.71	+3.48	35	687	+67
Hillsdale_Ag	84	58	71	+4	1.57	7		12.81	+2.54	48	762	+153
Lansing	81	52	69	+3	1.15	4		10.43	+2.07	35	804	+192
Owosso_WWTP	81	51	68	+3	1.09	4		8.80	+0.93	39	697	+120
Three_Rivers_Ag	82	59	71	+3	1.25	4		12.44	+2.87	42	781	+132
<b>90 Southeast LP</b>												
Burton	85	49	68	+2	1.10	2		7.68	-0.28	40	657	+58
Farmington	82	52	68	-3	1.05	4		11.65	+2.94	39	689	-69
Grosse_Pte_Farm	84	57	69	-1	1.51	4		10.26	+1.72	39	744	+15
Lapeer_WWTP	83	48	68	+2	1.04	4		8.72	+0.91	35	690	+134
Newport_4SSE	86	60	72	+2	1.66	6		11.06	+2.19	46	804	-27
Richmond_4NNW	85	53	70	+2	1.35	4		13.58	+5.64	39	734	+105
Saline_WWTP	84	56	70	+2	2.36	3		11.95	+3.23	42	793	+64
Tipton	82	56	70	+2	1.90	3		10.27	+0.87	38	765	+91
Whitmore_Lake	80	51	69	+2	1.36	4		10.25	+2.40	38	695	+76
Yale	84	47	66	+0	0.90	3		7.64	+0.86	34	591	+27

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 2015: Agricultural Weather Information Service, Inc. All rights reserved.