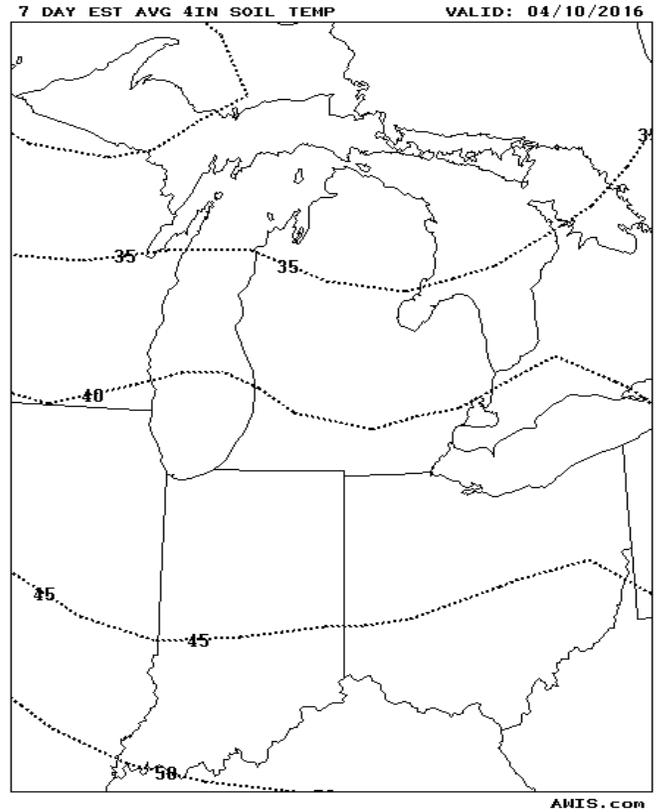




Michigan Crop Weather

Field Crops

There were 0.4 days suitable for fieldwork in Michigan during the week ending April 10, 2016, according to the Great Lakes Regional office of the National Agricultural Statistics Service. Cooler, wet weather continued throughout the week across the entire State. Daily average temperatures ranged from the upper teens and 20s in the north to the low 30s in the south. Most areas of the State saw daily precipitation in the form of both rain, sleet, and/or snow, adding moisture to already saturated fields. Some reporters expressed concern that **winter wheat** fields that were greening up two weeks ago have turned color from the cold weather and excess moisture, as if the crop were going back into dormancy. Others expressed concern that **winter wheat** quality was declining due to ponding, ice sheeting, and expected flooding to come. No significant early planting of field crops has begun. Fields that didn't have a cover crop were too muddy and wet to do any work. Some operations spread manure on well drained soils, and other fertilizers were applied to frozen ground in anticipation of warmer temperatures to come. Other activities for the week included equipment preparation and repair, office work, ordering seed and inputs, and taking care of livestock.



Fruit

Growers have made few formal assessments, but have expressed concern about the effects of the cold temperatures and recent wintry weather on fruit trees which had swollen buds or green tissue exposed following warmer weather in March. **Apples, grapes, and blueberries** were not expected to see much damage from the cold weather, but cooler temperatures in the past two weeks have slowed bud development. Freezes on Tuesday and Saturday mornings caused some damage to **stone fruits** in the southwest. Some planting of new trees was reported in the west central region. In the northwest, orchardists were pruning trees, but were still waiting to begin new plantings as the ground was still snow covered.

Crop Condition: Week Ending 04/10/16

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Winter Wheat	1	6	21	54	18

Crop Progress: Week Ending 04/10/16

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork..	0.4	0.8	-	-
Winter Wheat Jointing.....	2	0	NA	NA

Soil Moisture: Week Ending 04/10/16

Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture.....	0	0	27	73
Subsoil moisture.....	0	2	50	48

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

STATION	LAST WEEK WEATHER SUMMARY DATA April 1, 2016 - April 10, 2016											
	TEMPERATURE						PRECIPITATION 4IN		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DAYS	SOIL	TOTAL	DFN	DYS	TOTAL	DFN
	---	---	---	---	---	---	---	---	---	---	---	---
10 Western UP												
Clarksburg	41	-12	18	-21	1.29	6		1.60	+0.82	9	0	+0
Hancock_Houghto	38	7	24	-11	0.38	3		0.44	-0.17	4	0	+0
Ironwood_Ag	41	5	23	-13	1.53	6		1.98	+1.28	9	0	+0
Marquette_Ag	39	13	26	-13	1.30	5		1.70	+0.92	8	0	+0
Menominee_AP	39	16	29	-12	0.30	4		0.53	-0.37	7	0	+0
Norway	41	9	26	-12	1.03	6		1.28	+0.58	7	0	+0
Paulding	43	3	21	-14	0.92	5		1.19	+0.55	8	0	+0
Stambaugh	41	-4	19	-15	0.82	4		1.19	+0.51	7	0	+0
10 Eastern UP												
Chatham_Exp_Far	38	-6	22	-14	1.25	5		1.83	+1.34	8	0	+0
Garden_Corners	40	0	23	-15	1.60	4		1.97	+1.24	6	0	+0
Manistique_WWTP	36	8	23	-12	1.42	4		1.83	+1.13	7	0	+0
Moran	36	5	23	-14	1.32	4		1.85	+1.24	7	0	+0
Newberry_City	33	2	19	-18	0.59	5		1.37	+0.75	8	0	+0
Rudyard_4N	35	2	20	-17	1.15	5		2.10	+1.40	8	0	+0
Sault_Ste_Marie	35	12	24	-11	0.80	4		1.50	+0.60	6	0	+0
20 Northwest LP												
Antrim_Co_Arpt	39	8	27	-11	0.36	5		0.65	-0.06	8	0	+0
Beulah_7SSW	40	18	30	-11	0.58	5		1.16	+0.31	8	0	+0
Cadillac_WWTP	39	7	25	-13	0.69	5		1.74	+0.86	8	0	+0
East_Jordan_2NW	38	8	24	-16	1.00	4		1.40	+0.65	7	0	+0
Kalkaska_Ag	36	3	24	-14	0.70	4		1.33	+0.54	7	0	+0
Lake_City_Exp_F	38	6	26	-12	1.30	3		2.19	+1.30	6	0	+0
NW_Michigan_Res	40	20	29	-9	0.65	5	38	1.22	+0.51	8	0	+0
Pellston_Regnl	35	-4	22	-15	0.63	4		0.92	+0.12	7	0	+0
Traverse_City_M	41	15	27	-14	0.86	5		1.50	+0.60	8	0	+0
30 Northeast LP												
Alpena_Co_Regio	36	12	26	-13	0.70	4		1.66	+0.94	7	0	+0
Atlanta_5WNW	39	-2	22	-17	1.18	5		1.92	+1.42	8	0	+0
Hale_5SSW	37	0	24	-15	1.20	3		2.37	+1.65	6	0	+0
Mio_WWTP	41	-3	24	-15	1.30	4		2.26	+1.57	7	0	+0
Rogers_City_NO2	37	13	24	-14	1.06	3		1.78	+1.08	6	0	+0
Vanderbilt	37	-6	20	-17	1.36	4		1.74	+1.02	5	0	+0
West_Branch	38	5	26	-15	1.61	3		2.98	+2.21	5	0	+0
40 West Central LP												
Fremont_4WSW	43	21	33	-8	0.71	5		1.34	+0.34	8	0	+0
Hart_3WSW	45	13	31	-9	0.53	5		1.28	+0.38	8	0	+0
Ludington_Mason	41	16	31	-12	0.43	7		0.94	+0.07	10	0	+0
Muskegon_Co_AP	55	17	35	-8	0.68	4		1.73	+0.81	7	0	+0
50 Central LP												
Alma_Ag	43	15	30	-12	0.87	6		1.59	+0.64	9	0	+0
Big_Rapids_WTR	40	13	28	-13	0.78	7		1.97	+1.01	9	0	+0
Gladwin	42	13	29	-11	0.99	4		2.88	+2.08	7	2	+2
Mount_Pleasant	41	17	31	-11	0.31	7		0.55	-0.47	10	1	+1
Oil_City_3E	41	13	28	-16	0.52	5		1.25	+0.35	8	1	+1
Reed_City_WWTP	40	13	29	-11	0.65	6		2.11	+1.18	9	0	+0
60 East Central LP												
Auburn_2NE	43	13	29	-16	0.58	2		1.82	+0.92	4	1	+1
Bad_Axe_Ag	40	10	26	-14	0.73	4		1.50	+0.60	7	0	+0
Saginaw_NO3	44	19	30	-15	0.55	4		1.01	+0.09	7	0	+0
Sandusky	45	18	29	-13	0.41	2		1.17	+0.42	5	0	+0
Vassar	45	17	30	-14	0.30	3		1.13	+0.15	6	1	+1
70 Southwest LP												
Benton_Harbor_A	65	20	37	-7	1.04	6		1.64	+0.43	9	2	+2
Bloomington	56	17	33	-11	1.03	5		1.73	+0.57	8	0	+0
Dowagiac	61	22	35	-10	1.02	4		1.74	+0.64	6	0	+0
East_Grand_Rapi	50	16	31	-13	1.14	5		2.04	+0.92	8	2	+2
Kalamazoo_Intl	60	21	36	-11	0.75	5		1.39	+0.27	8	1	-2
Kent_City	47	12	29	-13	0.92	6		1.35	+0.43	9	0	+0
80 South Central LP												
Battle_Creek_5N	57	18	35	-10	1.38	6		1.60	+0.54	7	0	+0
Charlotte_WWTP	53	18	32	-12	0.91	5		1.76	+0.72	8	0	+0
Coldwater_Branc	57	22	36	-8	0.56	7		0.97	-0.01	10	1	+1
Hastings	55	18	32	-11	1.01	6		1.72	+0.60	9	1	+1
Hillsdale_Ag	56	20	33	-10	1.07	5		1.57	+0.48	8	1	+1
Lansing	52	19	34	-10	0.52	6		1.54	+0.51	9	0	+0
Owosso_WWTP	47	20	32	-10	0.39	4		1.25	+0.35	6	1	+1
Three_Rivers_Ag	59	22	34	-10	1.01	7		1.76	+0.70	10	0	+0
90 Southeast LP												
Burton	46	16	31	-12	0.53	4		1.44	+0.42	6	2	+2
Farmington	49	17	31	-15	0.36	4		1.07	-0.03	7	2	+2
Grosse_Pte_Farm	54	20	33	-12	0.22	3		0.68	-0.37	6	4	+4
Lapeer_WWTP	46	17	30	-12	0.37	3		1.23	+0.32	6	1	+1
Newport_4SSE	55	20	35	-12	0.32	3		0.87	-0.13	5	4	-3
Richmond_4NNW	46	21	31	-13	0.29	2		0.99	+0.03	5	1	+1
Saline_WWTP	53	14	32	-13	0.37	5		1.02	-0.08	8	1	+1
Tipton	57	16	33	-12	0.91	3		1.64	+0.54	5	2	+2
Whitmore_Lake	48	15	31	-12	0.37	5		0.84	-0.06	8	1	+1
Yale	44	18	30	-13	0.37	4		1.06	+0.31	7	1	+1

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.