



MI-CW4216

Michigan Crop Weather

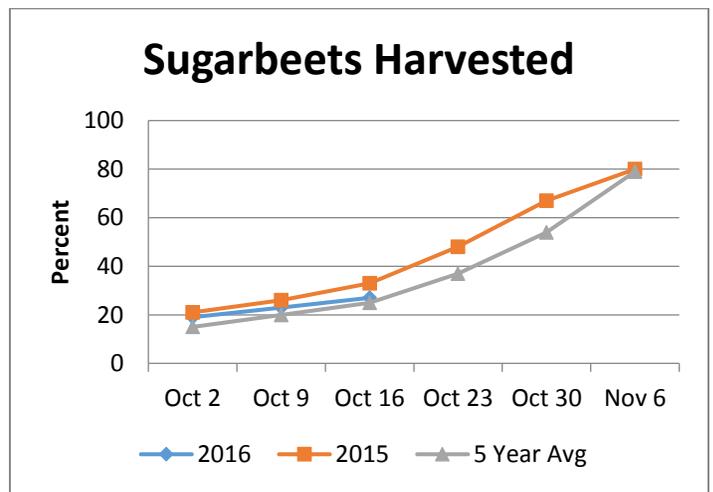
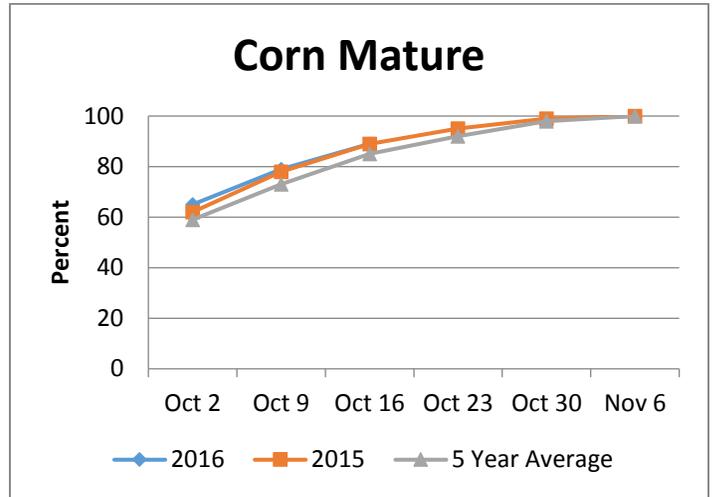
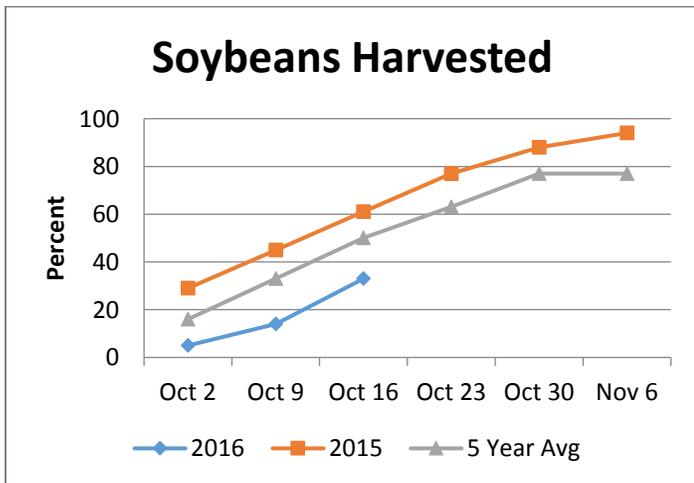
October 17, 2016

Field Crops

There were 4.5 days suitable for fieldwork in Michigan during the week ending October 16, 2016, according to Marlo Johnson, Director of the Great Lakes Regional office of the National Agricultural Statistics Service. Many producers took advantage of the dry weather early in the week to make progress on fall harvest and small grain plantings. However, significant rainfall late in the week put a halt to most field activities. As temperatures cooled, a few areas received scattered light frosts throughout the week. **Corn** harvest was stalled due to wet fields and many producers were anxious to get combines in the field as the crop had reached maturity. **Corn silage** harvest was nearing completion. **Soybean** harvest saw the greatest gains this week and initial reports indicated average to above average yields in some areas. **Winter wheat** planting continued, with the rain showers being conducive for germination. **Dry bean** harvest also progressed, but some of the crop needed more time to dry down before harvest can continue. **Sugarbeet** harvest progressed each day, with continued concerns regarding quality and fungal disease.

Fruit

Apple harvest passed its peak in many areas of the State, with most growers anticipating wrapping up harvest by the end of October. Generally, few problems have been reported with fruit quality. In the southwest, there were some reports of bitter pit and fruit injury from oriental fruit moth, while elsewhere there were reports of fruit slow to turn color. In the southern counties, Red Delicious and Fuji were being harvested while growers were preparing to pick Northern Spy, Crispin, and Idared blocks. In more northern counties, growers were finishing up harvest of mid-season varieties and turning attention to later season varieties. Growers in the northwest reported that some varieties were delayed in maturity given the time of year, and that flavor may not be as developed as it should be. In **grapes**, harvest was nearly halfway completed in the northwest, while in the southwest, harvest has ended except in blocks where growers were waiting for more sugar development. **Cranberry** harvest in the southwest also continued slowly as warm weather has delayed color development.



Crop Condition: Week Ending 10/16/16

| Crop | Very poor | Poor | Fair | Good | Excellent |
|------------------------|-----------|-----------|-----------|-----------|-----------|
| | (percent) | (percent) | (percent) | (percent) | (percent) |
| Corn..... | 3 | 8 | 26 | 48 | 15 |
| Soybeans | 2 | 6 | 25 | 48 | 19 |
| Sugarbeets | 2 | 7 | 22 | 54 | 15 |
| Range and Pasture | 3 | 9 | 27 | 47 | 14 |

Crop Progress: Week Ending 10/16/16

| Crop/Activity | Percent Completed | | | |
|---------------------------------|-------------------|-----------|-----------|----------------|
| | This week | Last week | Last year | 5 Year average |
| Days Suitable for Fieldwork.. | 4.5 | 4.3 | - | - |
| Corn Mature | 89 | 79 | 89 | 85 |
| Corn Harvested for Grain | 16 | 11 | 27 | 21 |
| Corn Harvested for Silage | 90 | 82 | 94 | NA |
| Soybeans Dropping Leaves | 94 | 89 | 99 | 98 |
| Soybeans Harvested | 33 | 14 | 61 | 50 |
| Winter Wheat Planted..... | 56 | 40 | 72 | 67 |
| Winter Wheat Emerged | 33 | 19 | 42 | 32 |
| Dry Beans Dropping Leaves.. | 99 | 95 | 100 | 100 |
| Dry Beans Harvested | 83 | 69 | 87 | 87 |
| Alfalfa Hay 3rd Cutting | 92 | 89 | 99 | NA |
| Alfalfa Hay 4th Cutting | 60 | 55 | 58 | NA |
| Other Hay 3rd Cutting | 81 | 75 | 90 | NA |
| Other Hay 4th Cutting | 29 | 24 | 22 | NA |
| Sugarbeets Harvested | 27 | 23 | 33 | 25 |

Soil Moisture: Week Ending 10/16/16

| Item | Very short | Short | Adequate | Surplus |
|-----------------------|------------|-----------|-----------|-----------|
| | (percent) | (percent) | (percent) | (percent) |
| Topsoil moisture..... | 0 | 4 | 70 | 26 |
| Subsoil moisture..... | 2 | 6 | 77 | 15 |

| LAST WEEK WEATHER SUMMARY DATA April 1, 2016 - October 16, 2016 | | | | | | | | | | | | |
|---|-------------|-----|-----|-----|-------------------|------|-----------|---------------|--------|-----|--------------|------|
| STATION | TEMPERATURE | | | | PRECIPITATION 4IN | | | PRECIPITATION | | | GDD BASE 50F | |
| | HI | LO | AVG | DFN | TOTAL | DAYS | SOIL TEMP | TOTAL | DFN | DYS | TOTAL | DFN |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 Western UP | | | | | | | | | | | | |
| Clarksburg | 67 | 25 | 45 | -4 | 0.28 | 5 | | 22.72 | +4.24 | 89 | 1643 | -96 |
| Hancock_Houghto | 73 | 29 | 49 | +5 | 0.64 | 3 | | 22.51 | +5.14 | 80 | 1977 | +423 |
| Ironwood_Ag | 70 | 34 | 48 | +4 | 0.29 | 3 | | 33.00 | +10.42 | 98 | 1934 | +356 |
| Marquette_Ag | 68 | 37 | 51 | +4 | 0.45 | 4 | | 23.27 | +4.79 | 90 | 2039 | +300 |
| Menominee_AP | 67 | 29 | 52 | +3 | 0.48 | 4 | | 16.05 | -5.00 | 104 | 2478 | +222 |
| Norway | 67 | 29 | 47 | +2 | 0.61 | 4 | | 20.43 | -0.89 | 85 | 2285 | +384 |
| Paulding | 70 | 27 | 47 | +3 | 0.40 | 4 | | 27.48 | +6.62 | 98 | 1761 | +240 |
| Stambaugh | 68 | 23 | 45 | +2 | 0.25 | 4 | | 25.41 | +3.22 | 96 | 1712 | +385 |
| 10 Eastern UP | | | | | | | | | | | | |
| Chatham_Exp_Far | 65 | 27 | 48 | +2 | 1.17 | 6 | | 23.64 | +3.78 | 105 | 2023 | +382 |
| Garden_Corners | 65 | 27 | 47 | -3 | 0.77 | 5 | | 20.99 | +2.36 | 81 | 2003 | +145 |
| Manistique_WWTP | 65 | 32 | 50 | +4 | 0.64 | 3 | | 24.26 | +5.35 | 68 | 1894 | +461 |
| Moran | 69 | 31 | 49 | +2 | 0.52 | 3 | | 21.14 | +4.23 | 69 | 1982 | +136 |
| Newberry_City | 65 | 30 | 47 | +1 | 0.61 | 5 | | 24.42 | +4.98 | 99 | 1901 | +209 |
| Rudyard_4N | 66 | 28 | 46 | +3 | 0.76 | 4 | | 19.05 | -0.67 | 79 | 1672 | +256 |
| Sault_Ste_Marie | 65 | 33 | 52 | +7 | 0.63 | 4 | | 20.56 | +0.43 | 78 | 2307 | +892 |
| 20 Northwest LP | | | | | | | | | | | | |
| Antrim_Co_Arpt | 70 | 33 | 54 | +8 | 0.77 | 4 | | 11.33 | -7.68 | 96 | 2537 | +719 |
| Beulah_7SSW | 67 | 39 | 53 | +3 | 1.20 | 4 | | 19.74 | -1.11 | 81 | 2673 | +538 |
| Cadillac_WWTP | 68 | 32 | 50 | +4 | 1.19 | 3 | | 20.56 | -0.61 | 88 | 2480 | +716 |
| East_Jordan_2NW | 69 | 34 | 52 | +3 | 0.86 | 2 | | 20.48 | +0.12 | 69 | 2399 | +405 |
| Kalkaska_Ag | 68 | 35 | 49 | +4 | 1.85 | 3 | | 17.82 | -2.74 | 71 | 2319 | +611 |
| Lake_City_Exp_F | 70 | 30 | 48 | +3 | 0.73 | 2 | | 21.03 | +0.67 | 85 | 2295 | +534 |
| NW_Michigan_Res | 68 | 40 | 53 | +7 | 0.93 | 2 | 57 | 16.42 | -2.59 | 72 | 2722 | +904 |
| Pellston_Regnl | 71 | 29 | 52 | +5 | 0.68 | 3 | | 18.18 | +0.61 | 78 | 2269 | +574 |
| Traverse_City_M | 69 | 36 | 52 | +3 | 1.24 | 3 | | 18.46 | -1.59 | 77 | 2562 | +396 |
| 30 Northeast LP | | | | | | | | | | | | |
| Alpena_Co_Regio | 75 | 30 | 53 | +7 | 0.41 | 3 | | 15.61 | -2.59 | 73 | 2570 | +880 |
| Atlanta_5WNW | 71 | 27 | 49 | +2 | 0.81 | 2 | | 16.68 | -0.27 | 60 | 2113 | +215 |
| Hale_5SSW | 71 | 29 | 48 | +1 | 0.52 | 2 | | 20.63 | +1.36 | 57 | 2282 | +391 |
| Mio_WWTP | 72 | 27 | 49 | +4 | 0.34 | 2 | | 17.48 | -0.14 | 78 | 2360 | +455 |
| Rogers_City_NO2 | 77 | 31 | 52 | +5 | 1.55 | 3 | | 15.34 | -3.03 | 49 | 2397 | +607 |
| Vanderbilt | 70 | 27 | 47 | +3 | 0.60 | 1 | | 17.55 | -2.00 | 58 | 1964 | +441 |
| West_Branch | 70 | 32 | 48 | +2 | 0.45 | 2 | | 20.93 | +0.76 | 76 | 2444 | +426 |
| 40 West Central LP | | | | | | | | | | | | |
| Fremont_4WSW | 69 | 38 | 54 | +6 | 1.55 | 2 | | 23.63 | +2.82 | 68 | 2842 | +812 |
| Hart_3WSW | 71 | 35 | 54 | +5 | 1.09 | 2 | | 23.74 | +1.89 | 82 | 2659 | +538 |
| Ludington_Mason | 68 | 35 | 54 | +5 | 0.70 | 2 | | 15.24 | -5.53 | 94 | 2439 | +220 |
| Muskegon_Co_AP | 70 | 37 | 56 | +7 | 1.87 | 3 | | 25.34 | +5.86 | 74 | 3076 | +787 |
| 50 Central LP | | | | | | | | | | | | |
| Alma_Ag | 73 | 37 | 53 | +4 | 0.62 | 2 | | 22.38 | +1.62 | 73 | 2827 | +466 |
| Big_Rapids_WTR | 70 | 32 | 49 | +2 | 1.03 | 2 | | 23.94 | +2.17 | 82 | 2429 | +255 |
| Gladwin | 73 | 32 | 50 | +3 | 0.38 | 2 | | 20.96 | +0.89 | 71 | 2651 | +572 |
| Mount_Pleasant | 74 | 32 | 54 | +5 | 0.76 | 2 | | 14.41 | -6.33 | 95 | 2872 | +540 |
| Oil_City_3E | 72 | 29 | 48 | -5 | 0.84 | 2 | | 21.79 | +1.68 | 79 | 2390 | -327 |
| Reed_City_WWTP | 70 | 35 | 52 | +6 | 0.79 | 2 | | 23.86 | +2.51 | 88 | 2619 | +728 |
| 60 East Central LP | | | | | | | | | | | | |
| Auburn_2NE | 75 | 32 | 52 | -1 | 0.78 | 2 | | 21.29 | +1.18 | 75 | 2722 | +5 |
| Bad_Axe_Ag | 74 | 32 | 52 | +4 | 1.34 | 1 | | 18.10 | -2.29 | 75 | 2722 | +620 |
| Saginaw_NO3 | 74 | 36 | 53 | +2 | 0.81 | 3 | | 22.02 | +1.27 | 69 | 3033 | +252 |
| Sandusky | 74 | 34 | 52 | +2 | 0.70 | 2 | | 21.59 | +2.87 | 71 | 2812 | +478 |
| Vassar | 74 | 29 | 51 | +0 | 0.96 | 1 | | 19.85 | -1.03 | 64 | 2682 | +245 |
| 70 Southwest LP | | | | | | | | | | | | |
| Benton_Harbor_A | 73 | 35 | 59 | +7 | 1.56 | 2 | | 23.72 | +0.55 | 78 | 3235 | +737 |
| Bloomington | 74 | 34 | 54 | +4 | 1.36 | 2 | | 27.54 | +3.42 | 70 | 2910 | +527 |
| Dowagiac | 72 | 34 | 55 | +5 | 1.08 | 1 | | 29.11 | +4.65 | 73 | 2997 | +458 |
| East_Grand_Rapi | 73 | 35 | 54 | +4 | 1.47 | 2 | | 27.25 | +3.64 | 75 | 2821 | +301 |
| Kalamazoo_Intl | 73 | 35 | 57 | +5 | 0.62 | 2 | | 28.36 | +4.32 | 76 | 3277 | +385 |
| Kent_City | 72 | 33 | 52 | +3 | 2.33 | 3 | | 27.10 | +7.62 | 77 | 2608 | +319 |
| 80 South Central LP | | | | | | | | | | | | |
| Battle_Creek_5N | 72 | 36 | 58 | +8 | 1.01 | 3 | | 24.30 | +1.54 | 82 | 3069 | +565 |
| Charlotte_WWTP | 72 | 34 | 53 | +3 | 0.70 | 2 | | 25.99 | +4.04 | 80 | 2802 | +434 |
| Coldwater_Branc | 77 | 35 | 57 | +7 | 0.26 | 1 | | 16.45 | -6.85 | 87 | 3114 | +673 |
| Hastings | 72 | 33 | 53 | +4 | 0.88 | 2 | | 31.26 | +8.45 | 82 | 2828 | +432 |
| Hillsdale_Ag | 77 | 34 | 53 | +4 | 0.41 | 1 | | 24.16 | +0.23 | 79 | 2905 | +546 |
| Lansing | 73 | 34 | 56 | +7 | 0.87 | 2 | | 22.08 | +1.86 | 74 | 3137 | +776 |
| Owosso_WWTP | 74 | 34 | 53 | +4 | 1.41 | 2 | | 23.75 | +3.83 | 75 | 2883 | +593 |
| Three_Rivers_Ag | 73 | 36 | 54 | +4 | 0.60 | 1 | | 28.32 | +4.49 | 74 | 2945 | +461 |
| 90 Southeast LP | | | | | | | | | | | | |
| Burton | 73 | 31 | 50 | +1 | 0.79 | 2 | | 21.06 | +0.50 | 85 | 2675 | +309 |
| Farmington | 76 | 34 | 51 | -2 | 0.29 | 1 | | 19.72 | -0.87 | 71 | 2922 | +15 |
| Grosse_Pte_Farm | 74 | 36 | 54 | -1 | 0.22 | 1 | | 20.77 | -0.64 | 60 | 3115 | +220 |
| Lapeer_WWTP | 74 | 33 | 51 | +3 | 0.62 | 2 | | 20.30 | -0.23 | 68 | 2884 | +632 |
| Newport_4SSE | 78 | 34 | 55 | -1 | 0.09 | 1 | | 19.34 | -2.22 | 75 | 3232 | +180 |
| Richmond_4NNW | 73 | 34 | 52 | +1 | 0.29 | 1 | | 21.20 | +1.20 | 63 | 2948 | +386 |
| Saline_WWTP | 79 | 28 | 51 | -2 | 0.25 | 2 | | 19.60 | -1.64 | 74 | 2939 | +185 |
| Tipton | 77 | 34 | 53 | +3 | 0.15 | 1 | | 22.47 | +0.36 | 69 | 2947 | +388 |
| Whitmore_Lake | 74 | 33 | 51 | +2 | 0.38 | 1 | | 20.81 | +2.38 | 66 | 2769 | +317 |
| Yale | 70 | 31 | 50 | +1 | 0.49 | 2 | | 19.89 | +1.17 | 62 | 2623 | +289 |