



# Michigan Crop Weather

## Warm Temperatures Return

Four days were suitable for fieldwork during the week ending October 21, according to the USDA, NASS, Michigan Field Office. Precipitation varied from 0.38 inches in the southeast Lower Peninsula to 1.96 inches in the eastern Upper Peninsula. Average temperatures ranged from 7 degrees above normal in the western Upper Peninsula to 11 degrees above normal in the southeast Lower Peninsula. Rains returned across the State limiting corn and soybean harvest and winter wheat planting. A farmer in the northeast mentioned that, "Severe storms Thursday stopped harvest and fieldwork." A farmer in the Thumb said that, "Even with light showers, farmers were still able to get back into the fields and continue harvesting."

## Field Crops

Variable weather conditions created some fieldwork delays across the State. The above normal temperatures during the week assisted with the drying down process in many areas. Scattered precipitation slowed harvest of **corn** and **soybeans** in many areas. Harvest of **sugarbeets** faced some delays due primarily to the warm temperatures. **Alfalfa** harvest of fourth cuttings continued in some areas. **Dry bean** harvest was completed. **Winter wheat** planting continued ahead of normal. The continued rainfall was advantageous to emergence.

Soil moisture for week ending 10/21/07

Stratum	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	1	12	76	11
Subsoil	9	23	62	6

Crop condition for week ending 10/21/07

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	13	20	32	29	6
Pasture	9	14	44	26	7
Soybeans	6	19	35	31	9
Winter Wheat	0	0	22	67	11

## Fruit

Fruit harvest was completed. Fall clean-up activities continued in orchards and vineyards across the State.

## Vegetables

Warm temperatures returned with most areas receiving significant rainfall. **Carrot** harvest continued slowly. **Celery** harvest neared completion. **Pumpkin** picking was completed in some areas. **Winter squash** harvest continued.

Crop progress for week ending 10/21/07

Crop	This week	Last week	Last year	5-year average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
All hay, fourth cutting	70	52	71	62
Apples, harvested	94	91	80	NA
Corn, harvested	36	26	22	31
Potatoes, harvested	85	67	70	NA
Soybeans, harvested	62	50	43	68
Sugarbeets, harvested	25	23	22	28
Winter wheat, planted	86	76	60	83
Winter wheat, emerged	57	34	24	48



**Michigan Weather Summary for Week Ending 10/21/07 <sup>1</sup>**

Station	Temperature			Cumulative growing degree days <sup>2</sup>			Precipitation					
	Maximum	Minimum	Departure from normal	2007	2006	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
											Since April 1	For month
Ironwood	68	39		2,485	2,301		1.72	2.69	6.01	21.70		
Marquette	64	35		2,372	2,117		1.19	3.50	5.45	24.14		
Stephenson	69	42		2,681	2,446		2.67	2.83	4.75	12.39		
<b>Western UP</b>	69	35	7	2,520	2,266	2,012	1.77	2.72	5.64	18.94	21.51	2.57
Cornell	66	32		2,555	2,330		2.13	2.79	5.32	20.42		
Sault St Marie	69	40		2,324	2,175		2.12	3.03	5.12	18.47		
<b>Eastern UP</b>	69	29	8	2,347	2,160	1,767	1.96	2.96	5.37	20.95	20.64	2.57
Beulah	74	36		2,865	2,536		0.96	2.14	2.75	17.11		
Lake City	75	29		2,666	2,361		1.63	1.84	2.54	17.19		
Old Mission	75	47		2,767	2,475		1.05	1.76	2.71	12.74		
Pellston	76	40		2,639	2,410		2.11	2.72	3.30	14.77		
<b>Northwest</b>	76	29	10	2,688	2,382	2,305	1.46	2.18	2.85	15.48	19.96	2.75
Alpena	76	42		2,691	2,472		2.23	2.60	3.10	18.83		
Houghton Lake	75	45		2,686	2,443		1.03	1.19	1.49	16.06		
Rogers City	76	44		2,714	2,545		1.72	2.17	2.59	17.45		
<b>Northeast</b>	77	42	9	2,677	2,455	2,225	1.81	2.18	2.57	18.16	19.60	2.40
Fremont	76	47		2,977	2,743		0.98	1.31	2.67	17.24		
Hart	74	48		2,852	2,567		0.53	1.48	2.34	14.22		
Muskegon	76	48		3,105	2,814		0.98	1.69	2.82	17.98		
<b>West Central</b>	76	42	10	2,931	2,672	2,523	0.80	1.46	2.33	16.58	20.08	2.94
Alma	79	43		3,097	2,755		1.41	1.61	2.47	19.45		
Big Rapids	78	28		2,794	2,542		1.79	2.01	2.49	22.11		
<b>Central</b>	79	28	10	2,955	2,664	2,606	1.58	1.82	2.55	18.26	20.65	2.59
Bad Axe	80	48		2,965	2,663		1.03	1.92	2.70	16.68		
Pigeon	79	48		2,859	2,611		1.46	2.88	3.56	17.59		
Saginaw	81	49		3,143	2,824		0.98	1.08	2.16	20.99		
Standish	79	30		2,826	2,592		1.27	1.51	1.92	16.53		
<b>East Central</b>	81	30	10	2,907	2,687	2,622	1.11	1.67	2.51	18.18	18.44	2.41
Fennville	79	47		3,063	2,722		0.76	1.82	3.29	17.18		
Grand Rapids	79	48		3,437	3,009		1.15	1.79	2.84	19.64		
Holland	80	48		3,333	3,014		2.22	2.83	3.84	19.31		
South Bend, IN	80	49		3,593	3,098		1.74	2.37	3.38	26.75		
Watervliet	79	45		3,288	2,963		1.35	2.24	3.43	21.82		
<b>Southwest</b>	82	32	10	3,264	2,898	2,867	1.42	2.34	3.51	21.84	21.50	2.99
Belding	77	47		3,000	2,734		1.19	1.72	2.56	16.48		
Coldwater	78	44		3,088	2,826		1.42	1.90	3.22	28.91		
Lansing	78	45		3,208	2,893		0.95	1.36	2.50	20.35		
<b>South Central</b>	81	34	10	3,115	2,893	2,814	1.34	1.76	3.03	22.07	20.72	2.41
Detroit	81	50		3,504	3,254		0.15	0.41	1.60	19.42		
Flint	79	49		3,186	2,789		0.79	0.97	2.52	20.89		
Romeo	79	46		3,145	2,955		0.39	0.62	1.78	24.16		
Tipton	78	43		3,166	2,918		0.52	0.79	2.16	23.75		
Toledo, OH	80	37		3,451	3,242		0.16	0.23	1.08	26.65		
<b>Southeast</b>	81	37	11	3,204	3,015	2,812	0.38	0.58	1.74	21.21	19.66	2.33

<sup>1</sup> Issued by the USDA, NASS, Michigan Field Office in cooperation with the U.S. Department of Commerce, Michigan State University's Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

<sup>2</sup> Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.

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