United States Department of Agriculture
National Agricultural Statistics Service
Michigan Field Office
Cooperating with Michigan Department of Agriculture

Michigan Crop Weather

MI-CW4307 October 29, 2007

Near Normal Weather

Five days were suitable for fieldwork during the week ending October 28, according to the USDA, NASS, Michigan Field Office. Precipitation varied from 0.18 inches in the west central Lower Peninsula to 0.92 inches in the southeast Lower Peninsula. Average temperatures ranged from 2 degrees below normal in the western Upper Peninsula to 2 degrees above normal in the east central and southeast Lower Peninsula. The light rains that much of the State received this week did not slow down crop harvests. A farmer in the west central mentioned that, "With the exception of Saturday showers, it was a good week for field activities. Temperatures were normal for this time of year and the winds were a little brisker than usual." A reporter in the southeast said that, "Harvest continues at a good pace. Fall tillage is progressing and much more is being done than in past years."

Field Crops

Harvest activities continued at a good pace across the State, as more seasonal temperatures returned. **Corn** continued to dry down as harvest continued ahead of normal. Scattered precipitation continued to make **soybean** harvest difficult. Harvest of **sugarbeets** picked up the pace as cooler temperatures arrived. Due to wet conditions, fourth cutting **alfalfa** harvest was slowed in some areas. **Winter wheat** planting was nearly completed. Emergence continued to be good as most areas received adequate rainfall.

Soil moisture for week ending 10/28/07

Stratum	Very short	Short	Adequate	Surplus
	Percent	*Percent*	*Percent*	*Percent*
Topsoil	2	11	77	10
Subsoil	10	28	57	5

Crop condition for week ending 10/28/07

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	*Percent*	*Percent*	*Percent*	*Percent*
Corn	15	16	31	32	6
Pasture	4	14	47	29	6
Winter Wheat	0	1	19	68	12

Vegetables

Warm temperatures continued with a little rainfall. Most locations have seen a frost. **Carrot** and **onion** harvest continued. Harvest of fresh market **celery** was completed; some harvest for processing continues. **Pumpkin** picking was wrapping up. **Winter squash** harvest continued. **Potato** harvest was nearing completion, well ahead of last year.

Crop progress for week ending 10/28/07

Crop	This week	Last week	Last year	5-year average
	Percent	*Percent*	*Percent*	*Percent*
All hay, fourth cutting	77	70	77	77
Apples, harvested	97	94	86	NA
Corn, harvested	52	36	31	47
Potatoes, harvested	96	85	80	NA
Soybeans, harvested	77	62	55	79
Sugarbeets, harvested	38	25	43	58
Winter wheat, planted	96	86	76	93
Winter wheat, emerged	81	57	42	67

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Michigan Weather Summary for Week Ending 10/28/07 [1]

Station	Temperature			Cumulative growing degree days [2]			Precipitation					
	Maximum	Minimum	Departure from normal	2007	2006	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal: Since April 1	Normal: For month
Ironwood	55	27		2,493	2,302		0.20	1.92	5.20	21.90		
Marquette	55	25		2,377	2,117		0.28	1.47	4.87	24.42		
Stephenson	57	21		2,700	2,452		0.11	2.78	4.70	12.50		
Western UP	57	21	-2	2,529	2,268	2,031	0.21	1.98	4.98	19.15	22.27	2.57
Cornell	68	25		2,580	2,332		0.27	3.22	5.72	21.51		
Sault St Marie	57	32		2,335	2,175		0.50	2.62	5.21	18.97		
Eastern UP	68	24	0	2,360	2,161	1,782	0.40	2.51	5.30	21.51	21.29	2.57
Beulah	62	31		2,885	2,541		0.35	1.31	2.71	17.46		
Lake City	68	26		2,686	2,361		0.34	1.97	2.43	17.53		
Old Mission	69	31		2,790	2,477		0.46	1.51	2.72	13.20		
Pellston	69	26		2,664	2,410		0.69	2.80	3.75	15.46		
Northwest	69	25	1	2,709	2,383	2,331	0.53	1.99	2.97	16.01	20.63	2.75
Alpena	66	30		2,711	2,472		0.74	2.97	3.36	19.57		
Houghton Lake	63	26		2,709	2,443		0.31	1.34	1.70	16.37		
Rogers City	64	28		2,732	2,547		0.46	2.18	2.69	17.91		
Northeast	72	24	0	2,696	2,455	2,252	0.49	2.29	2.73	18.65	20.19	2.40
Fremont	70	26		3,008	2,747		0.19	1.17	2.48	17.43		
Hart	69	28		2,882	2,568		0.16	0.69	2.31	14.38		
Muskegon	67	29		3,144	2,816		0.27	1.25	2.18	18.25		
West Central	71	25	1	2,963	2,675	2,551	0.18	0.99	2.14	16.76	20.81	2.94
Alma	74	30		3,131	2,758		0.51	1.92	2.75	19.96		
Big Rapids	72	28		2,822	2,542		0.39	2.18	2.56	22.50		
Central	74	28	1	2,985	2,666	2,637	0.41	1.99	2.66	18.66	21.35	2.59
Bad Axe	77	34		2,995	2,664		0.66	1.69	3.30	17.34		
Pigeon	72	36		2,883	2,612		0.44	1.90	3.92	18.03		
Saginaw	75	31		3,178	2,825		0.45	1.43	2.16	21.44		
Standish	75	28		2,858	2,592		0.53	1.80	2.26	17.06		
East Central	77	28	2	2,936	2,688	2,653	0.70	1.81	2.98	18.88	19.05	2.41
Fennville	71	30		3,100	2,723		0.46	1.22	3.24	17.64		
Grand Rapids	70	31		3,477	3,011		0.56	1.71	2.55	20.20		
Holland	69	31		3,385	3,017		0.44	2.63	3.51	19.72		
South Bend, IN	70	33		3,632	3,099		1.09	2.83	3.51	27.84		
Watervliet	70	31		3,329	2,964		0.66	2.01	3.47	22.48		
Southwest	73	28	1	3,304	2,900	2,905	0.66	2.07	3.54	22.49	22.25	2.99
Belding	70	27		3,032	2,736		0.45	1.64	2.94	16.93		
Coldwater	71	30		3,118	2,826		0.78	2.20	3.38	29.69		
Lansing	71	31		3,240	2,893		1.24	2.19	3.24	21.59		
South Central	75	27	1	3,148	2,895	2,849	0.80	2.14	3.18	22.87	21.30	2.41
Detroit	74	32		3,542	3,255		0.75	0.90	2.00	20.17		
Flint	74	32		3,221	2,789		1.11	1.90	3.12	22.00		
Romeo	74	31		3,178	2,957		0.92	1.31	2.37	25.08		
Tipton	75	31		3,199	2,918		0.81	1.33	2.82	24.56		
Toledo, OH	62	32		3,479	3,245		0.88	1.04	1.20	27.53		
Southeast	77	28	2	3,235	3,015	2,846	0.92	1.30	2.26	22.13	20.25	2.33

[1] 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.

[2] 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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