



MI-CW2107

Michigan Crop Weather

May 29, 2007

Warmer Weather

Five days were suitable for fieldwork during the week ending May 27, according to the USDA, NASS, Michigan Field Office. Through May 28, precipitation amounts ranged from 0.19 inches in the northeast Lower Peninsula to 1.03 inches in the south central Lower Peninsula. Average temperatures ranged from 3 degrees above normal in the west central Lower Peninsula to 6 degrees above normal in the northwest, northeast, central, east central, southwest, and southeast Lower Peninsula. The warmer weather promoted growth in some crops, but the lack of rain hindered development in others. A farmer in the east central mentioned that, "Field activities progressed rapidly last week. Crops are beginning to grow quickly with the warmer temperatures." Another farmer in the southwest said that, "It is a little dry right now, could use a good rain to get crops moving. With that exception, things are going well and planting should be done on time for all the crops."

Field Crops

Mostly dry and warm temperatures provided ideal planting conditions across the State. **Corn** planting neared completion. **Soybean** planting continued at a rapid pace. **Sugarbeet** growth and development continued in excellent growing conditions. **Barley** continued to emerge. **Oats** continued to emerge with good stands. **Alfalfa** harvest began as the first cutting was completed in some areas. The **winter wheat** crop continued to develop. Scouting wheat fields for foliar diseases is recommended as powdery mildew and septoria have been reported at low levels in some areas.

Fruit

Apple fruit ranged from petal fall in the northwest to 18 mm in diameter in the southwest. Growers were spray thinning. **Blueberries** were at petal fall across the State. Growers were concerned with lack of foliage development since the Easter freeze. **Peaches** grew to 18 mm in diameter in the southwest. Red Havens were at shuck split in the southeast. Growers were hand thinning. **Pear** growth ranged from 8 to 15 mm in diameter across the State. Pear psylla adult flight continued. **Plum** development ranged from petal fall in the northwest to 14 mm in diameter in the southwest. **Sweet** and **tart cherries** were 12 to 14 mm in size in the south. Sweet cherry pits were hard in the southwest. In the northwest, tart cherries were at shuck split, while sweet cherries were 8 to 9 mm in diameter. Concord **grape** shoots in the southwest were 16 inches long and flower clusters were separating in the bunch. Vinifera shoots grew to 8 inches. In the southeast, bloom was expected to begin within a week. Chardonnay grape shoots in the northwest were 3 inches long. **Strawberries** were at full bloom.

Vegetables

Rains late last week helped newly planted vegetables. **Carrot** growth was slow. Growers were applying herbicides. **Asparagus** harvest was nearing completion in older stands. **Celery** planting neared completion. Rains late last week helped the young plantings. **Cabbage** and **cole crops** were in good to excellent condition. **Potato** planting continued. Early **sweet corn** fields were in good to excellent condition. Planting continued in full swing. **Yellow squash**, **zucchini**, and **cucumber** planting continued. **Tomato** plants were still under tunnels but could use some warmer night time temperatures. **Onion** growth was good to excellent.

Soil moisture for week ending 05/27/07

Stratum	Very short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	4	19	70	7
Subsoil	2	15	73	10

Crop condition for week ending 05/27/07

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
All Hay	2	5	29	48	16
Barley	0	1	35	54	10
Corn	0	2	22	51	25
Oats	0	6	19	56	19
Pasture	1	4	33	50	12
Winter Wheat	1	5	29	45	20

Crop progress for week ending 05/27/07

Crop	This week	Last week	Last year	5-year average
	Percent	Percent	Percent	Percent
All hay, first cutting	11	2	10	7
Asparagus, harvested	56	42	51	50
Barley, planted	96	92	94	91
Barley, emerged	83	68	84	75
Corn, planted	93	80	91	82
Corn, emerged	69	40	64	48
Dry beans, planted	2	0	2	3
Oats, emerged	89	75	96	90
Potatoes, planted	74	58	81	NA
Potatoes, emerged	48	25	48	NA
Soybeans, planted	67	36	67	56
Soybeans, emerged	26	9	33	24
Winter wheat, headed	27	2	31	18

Michigan Weather Summary for Week Ending 05/28/07¹

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	For month		
Ironwood	82	45	4	363	366	275	0.36	0.62	1.20	3.41	5.14	3.37
Marquette	83	37		320	307		0.16	0.48	1.71	6.73		
Stephenson	84	39		387	398		0.19	0.56	0.84	2.35		
Western UP	85	33		356	327		0.27	0.53	1.14	3.17		
Cornell	79	40	5	336	329	188	0.09	0.19	0.86	1.98	4.99	3.01
Sault St Marie	84	36		304	292		0.26	0.84	2.28	3.89		
Eastern UP	84	36		302	304		0.33	0.66	2.09	4.89		
Beulah	87	43		398	411		0.24	0.45	1.43	4.21		
Lake City	83	39	6	374	393	328	0.14	0.52	1.97	5.22	4.95	2.61
Old Mission	85	41		365	387		0.22	0.37	1.33	2.64		
Pellston	87	31		387	387		0.17	0.36	1.12	2.50		
Northwest	87	31		368	374		0.24	0.51	1.58	3.67		
Alpena	88	39	6	373	359	306	0.15	0.47	1.48	5.04	4.98	2.76
Houghton Lake	84	39		409	414		0.16	0.54	1.89	4.99		
Rogers City	87	39		385	345		0.17	0.55	1.89	4.70		
Northeast	88	31		393	393		0.19	0.57	1.90	5.00		
Fremont	86	42	3	457	442	375	0.49	0.63	2.04	6.68	5.53	2.67
Hart	86	40		424	397		0.30	0.87	2.22	4.84		
Muskegon	87	43		446	391		0.45	0.69	1.76	5.83		
West Central	88	31		441	421		0.32	0.71	1.93	5.74		
Alma	89	45	6	489	480	411	0.27	0.69	3.25	6.17	5.60	2.79
Big Rapids	89	42		455	433		0.37	0.74	2.53	4.57		
Central	89	42		467	454		0.28	0.65	2.46	5.11		
Bad Axe	89	45		380	410		0.42	0.98	2.05	4.94		
Pigeon	90	47	6	379	421	392	0.30	1.17	2.31	5.07	4.95	2.63
Saginaw	88	47		469	433		0.28	0.91	2.22	5.39		
Standish	87	34		420	431		0.17	0.62	2.18	5.77		
East Central	90	34		397	431		0.37	1.05	2.34	5.33		
Fennville	86	44	6	462	399	444	0.61	1.36	1.98	6.04	6.11	3.01
Grand Rapids	89	46		526	466		0.57	0.85	1.58	5.44		
Holland	90	47		543	441		0.61	1.01	1.04	5.94		
South Bend, IN	90	49		603	491		1.01	1.70	1.70	6.18		
Watervliet	88	46		522	461		1.04	1.57	2.09	5.92		
Southwest	91	44		528	453		0.96	1.48	2.08	6.17		
Belding	88	42	5	471	448	443	0.60	0.81	1.58	4.71	5.86	2.92
Coldwater	88	45		495	460		1.07	1.76	2.72	5.79		
Lansing	87	46		491	468		1.07	1.95	3.25	6.21		
South Central	90	40		488	485		1.03	1.64	2.64	5.96		
Detroit	88	49		532	515		0.60	1.39	2.16	4.94		
Flint	88	44	6	488	449	420	0.71	1.66	4.73	6.96	5.84	2.85
Romeo	88	37		454	466		0.67	2.27	4.86	7.19		
Tipton	88	45		511	489		0.72	1.49	3.65	6.52		
Toledo, OH	91	48		562	548		0.15	0.36	3.39	7.03		
Southeast	91	37		493	496		0.63	1.30	3.07	5.57		

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.