



## Climate Indicators for Michigan

Climate Indicator	What is happening?	Impact for Michigan
Temperature	Increase	<i>Warmer summers, cooler winters</i>
Heat Waves	Increase	<i>More energy use in the summer</i>
Drought	Uncertain	<i>Crop loss</i>
Precipitation	Increase	<i>More runoff, change in water levels</i>
Heavy precipitation	Increase	<i>More floods</i>
Lake ice	Decrease	<i>More evaporation of water</i>
Snow cover	Decrease	<i>Change in albedo, more heat absorption</i>
Heat-related deaths	Uncertain	<i>More heat-related deaths</i>
Length of growing season	Increase	<i>Longer time to grow crops</i>
Plant hardiness zones	Move from south to north	<i>Change in plants that survive in Michigan</i>
Leaf and bloom dates	Earlier	<i>Earlier spring blooming</i>
Bird wintering ranges	Move northward	<i>Different birds during the winter</i>