Unshaded pavement can reach 150 degrees in summer. The heat transfers to stormwater runoff when it passes over these surfaces. Heated stormwater entering our waterways elevates stream temperatures and harms aquatic life.

Trees and Temps

Did you know?

Trees help reduce thermal pollution to our streams by shading pavement. This owers temperatures of stormwater runoff.



This Arbor Day consider planting a tree in a location to provide shading benefits.



University of Kentucky College of Agriculture, and Environment Cooperative Extension Service