

# Thermal

Response to Stress

## %Cold & Non-tolerant Coolwater Sp.



(Percent abundance adjusted for drainage size)

American Brook Lamprey, Blacknose Dace, Brook Trout, Brown Trout, Common Shiner, Creek Chub, Fallfish, Longnose Dace, Margined Madtom, Rainbow Trout, Rock Bass, Sea Lamprey, Shield Darter, Slimy Sculpin, Smallmouth Bass, Tessellated Darter, Walleye, White Perch, Yellow Perch



$$\text{Adjusted Value} = ([\%Abundance] + 65.21) - ((\log_{10}[\text{Drainage miles}^2] * -23.46) + 97.99)$$



$$\text{Metric Score} = ([\text{Adjusted Value}] \div 85.53) * 100$$