

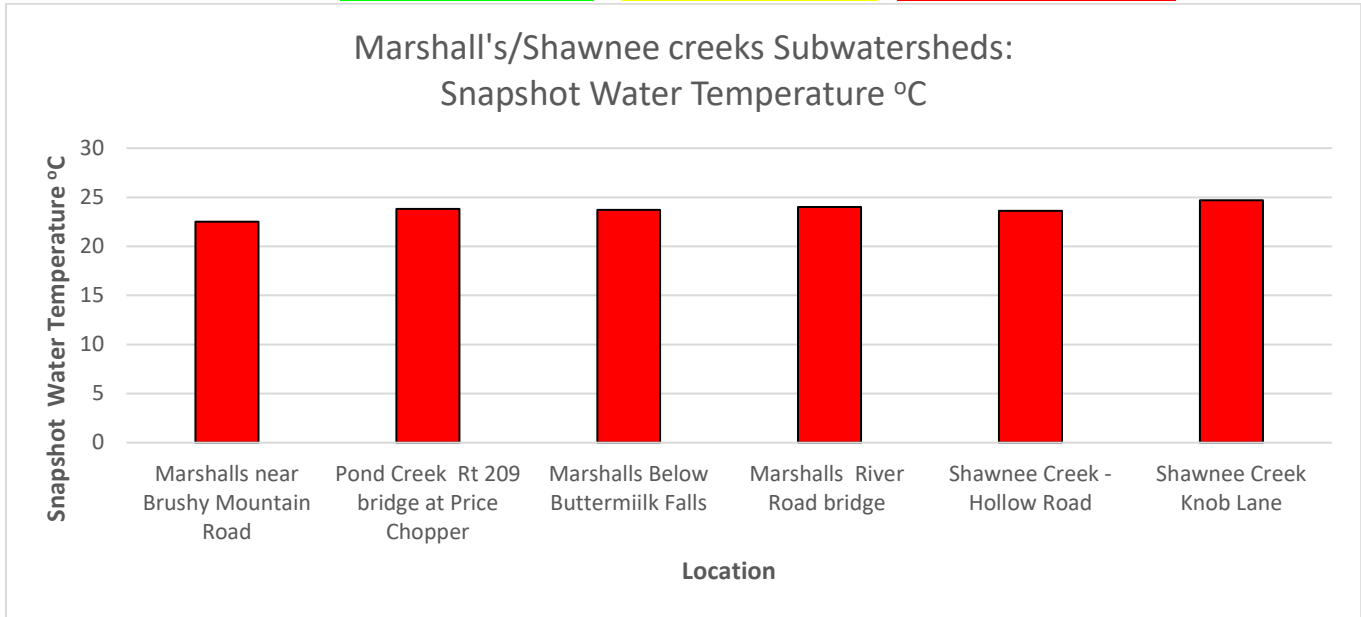


Marshalls and Shawnee Streamwatch Snapshot- August 1, 2024

Volunteers collected temperature and conductivity data at 6 sites in the Marshalls and Shawnee watersheds on August 1, 2024, in the afternoon.

Temperature is shown in relation to trout health: green

Key: < 19°, supports trout - 19-21°, risky for trout, >21°, trout are stressed



Conductivity is a measure of the ability of water to conduct electricity. Conductivity greater than 300 $\mu\text{S}/\text{cm}$ is harmful to the aquatic insects trout feed on. Conductivity and chloride are closely related. The largest source of chloride in the Marshalls and Shawnee watersheds is deicing materials.

Key: <200 $\mu\text{S}/\text{cm}$, natural condition, 200-300 $\mu\text{S}/\text{cm}$, above natural condition >300 $\mu\text{S}/\text{cm}$ harmful

