

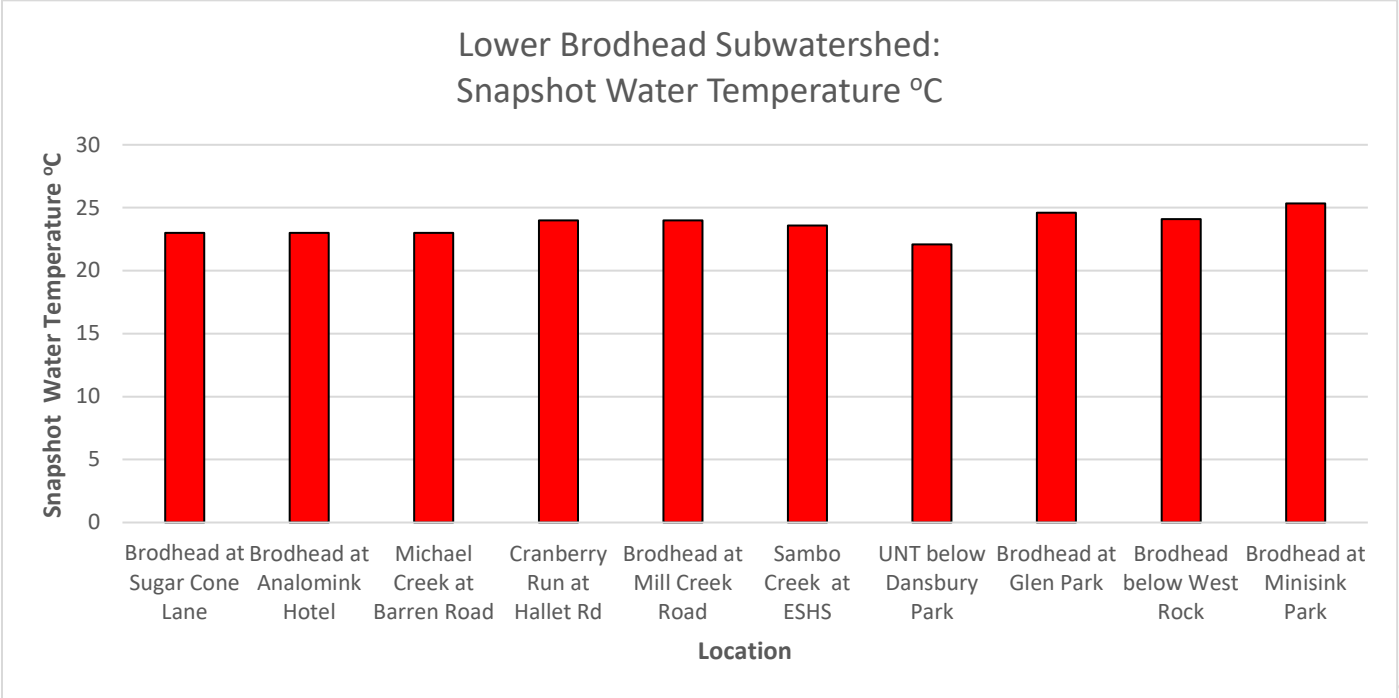


Lower Brodhead Streamwatch Snapshot- August 1, 2024

Volunteers collected temperature and conductivity data at 10 sites in the Lower Brodhead watershed on August 1, 2024, in the afternoon.

Temperature is shown in relation to trout health:

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 Lower Brodhead watershed 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

