

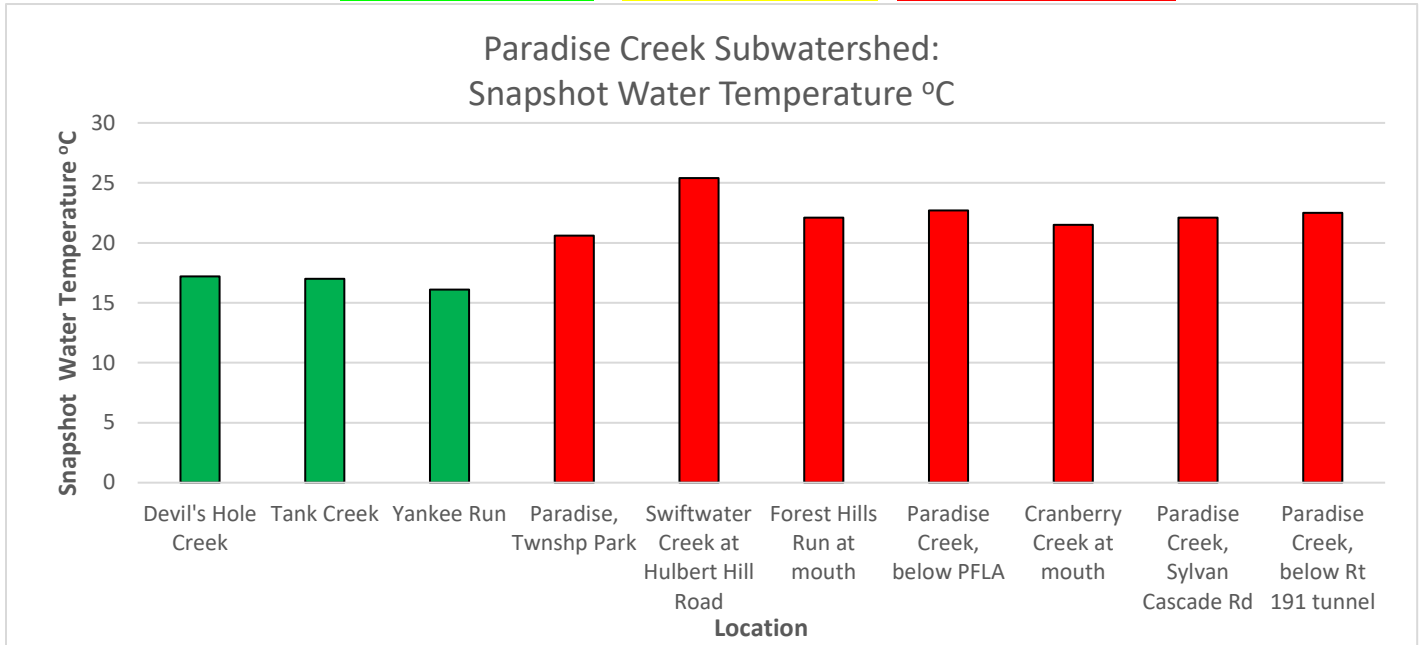


## Paradise Streamwatch Snapshot- August 1, 2024

Volunteers collected temperature and conductivity data at 10 sites in the Paradise watershed 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 not protective of the aquatic insects that trout feed on. Conductivity and chloride are closely related. The largest source of chloride in the Paradise 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

