

# Probability of brook trout occupancy $\geq 50\%$ (+4°C)

- Category: Brook Trout
- Occupancy probability of brook trout for the catchment (NHDHRDV2) that the barrier is located within is  $\geq 50\%$ , given a 4°C increase in July water temperature.
- Derived from the SHEDS Brook Trout Occupancy Model (v 1.1.1, accessed May 23, 2019) <https://ecosheds.org/models/brook-trout-occupancy/latest/> The brook trout occupancy model is a nested hierarchical Bayesian model that predicts probability of occupancy based on catchment characteristics and climate conditions.
- Unit: Boolean
- Sort Order: Descending
- GIS Field Name: bkt\_p40\_occ\_gt50