Mean Annual Discharge and Rainbow Trout

Downloaded on: 2026-11-25, From: https://mjbayly.com/stressor-response/mean-annual-discharge-and-rainbow-trout
Function Updated by mbakken on Fri, 03/28/2025 - 17:34.

Species Information

Common Name: Rainbow Trout
Genus: Oncorhynchus mykiss

Stressor Details

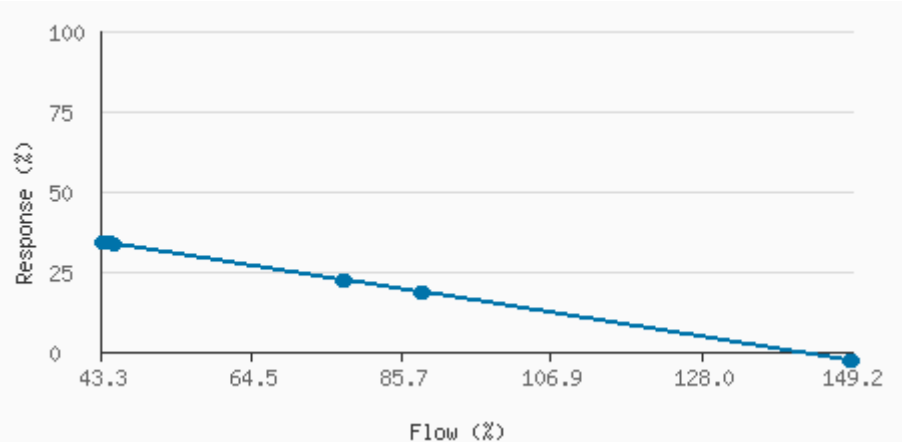
Stressor Name: Flow
Units: %
Metric: Mean Annual Discharge (MAD)
Scale: linear
Function Type: continuous
Vital Rate/Process: Density

Life Stage & Context

Life Stages: Juvenile
Geography: Cheakamus River, BC, Canada
Season: Summer

Descriptions

Stressor Response Data



?PERCENT_MAD	Mean System Capacity (%)	SD	low.limit	up.limit
43.32923077	34.3347692	0	0	100
43.49538462	34.2766154	0	0	100
43.50461538	34.2733846	0	0	100
43.51076923	34.2712308	0	0	100
43.51384615	34.2701538	0	0	100
43.66769231	34.2163077	0	0	100
43.67384615	34.2141538	0	0	100
43.67538462	34.2136154	0	0	100
44.48923077	33.9287692	0	0	100
44.82153846	33.8124615	0	0	100
44.99076923	33.7532308	0	0	100

45.14769231	33.6983077	0	0	100
45.15692308	33.6950769	0	0	100
45.31384615	33.6401538	0	0	100
45.31692308	33.6390769	0	0	100
45.32	33.638	0	0	100
45.32	33.638	0	0	100
45.47384615	33.5841538	0	0	100
77.47846154	22.3825385	0	0	100
77.63384615	22.3281538	0	0	100
77.64	22.326	0	0	100
77.64461538	22.3243846	0	0	100
77.64769231	22.3233077	0	0	100
77.65230769	22.3216923	0	0	100
77.97076923	22.2102308	0	0	100
77.97230769	22.2096923	0	0	100
88.47384615	18.5341538	0	0	100
88.47692308	18.5330769	0	0	100
88.48	18.532	0	0	100
88.48153846	18.5314615	0	0	100
88.63076923	18.4792308	0	0	100
88.63846154	18.4765385	0	0	100
88.64307692	18.4749231	0	0	100
88.64769231	18.4733077	0	0	100
88.80923077	18.4167692	0	0	100
148.8738462	-2.6058462	0	0	100
148.8784615	-2.6074615	0	0	100
148.8830769	-2.6090769	0	0	100
148.8846154	-2.6096154	0	0	100
148.8892308	-2.6112308	0	0	100
149.0461538	-2.6661538	0	0	100
149.0523077	-2.6683077	0	0	100
149.2030769	-2.7210769	0	0	100

Citations

Data extracted from Cheakamus River Water Use Plan Report; MAD obtained through Water Survey of Canada