Mean Annual Discharge and Trout

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Function Updated by jrosenfeld on Tue, 02/24/2026 - 21:23.

Species Information

Common Name: Brown Trout, Rainbow Trout
Genus: Salmo trutta, Oncorhynchus mykiss

Stressor Details

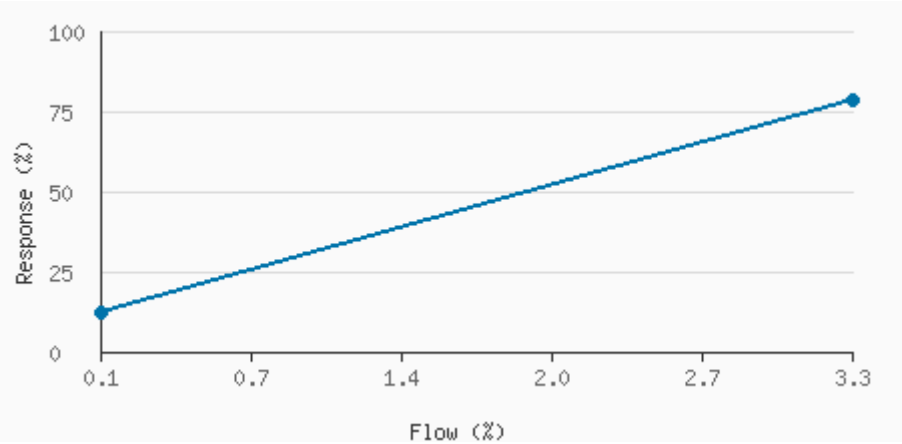
Stressor Name: Flow
Units: %
Metric: Mean Annual Discharge (MAD)
Scale: linear
Function Type: continuous
Vital Rate/Process: Abundance

Life Stage & Context

Life Stages: Adults
Geography: Waiau River, New Zealand
Season: Summer

Descriptions

Stressor Response Data



?PERCENT_MAD	Mean System Capacity (%)	SD	low.limit	up.limit
0.0625	12.05875	0	0	100
0.0625	12.05875	0	0	100
3.3	78.298	0	0	100
3.3	78.298	0	0	100
3.3	78.298	0	0	100
3.3	78.298	0	0	100

Citations

Jowett, I.G. and Biggs, B.J.F. 2006. Flow regime requirements and the biological effectiveness of habitat-based minimum flow assessments for six rivers. Intl. J. River. Basin Management 4: 179-189.