

Mean Annual Discharge and Atlantic Salmon

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Function Updated by jrosenfeld on Tue, 02/24/2026 - 21:37.

Species Information

Common Name: Atlantic Salmon
Genus: Salmo salar

Stressor Details

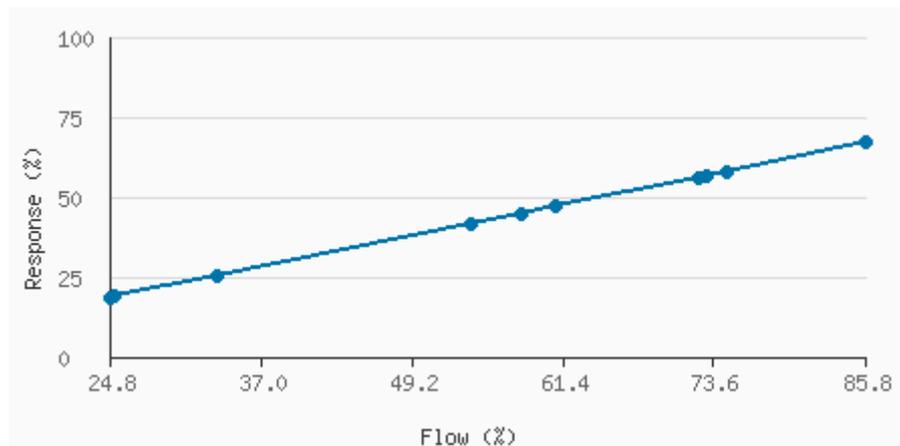
Stressor Name: Flow
Units: %
Metric: Mean Annual Discharge (MAD)
Scale: linear
Function Type: continuous
Vital Rate/Process: Survival

Life Stage & Context

Life Stages: Egg
Geography: Catamaran Brook, NB, Canada
Season: Winter

Descriptions

Stressor Response Data



?PERCENT_MAD	Mean System Capacity (%)	SD	low.limit	up.limit
24.76323077	18.6829523	0	0	100
25.21738462	19.0417338	0	0	100
33.51446154	25.5964246	0	0	100
54.044	41.81476	0	0	100
58.02938462	44.9632138	0	0	100
60.75584615	47.1171185	0	0	100
72.29323077	56.2316523	0	0	100
73.05092308	56.8302292	0	0	100
74.59430769	58.0495031	0	0	100
85.76938462	66.8778138	0	0	100

Citations

Cunjak, R.A., Linnansaari, T., and Caissie, D. 2013. The complex interaction of ecology and hydrology in a small catchment: a salmon's perspective. *Hydrol. Process.* 27: 741-749.