

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

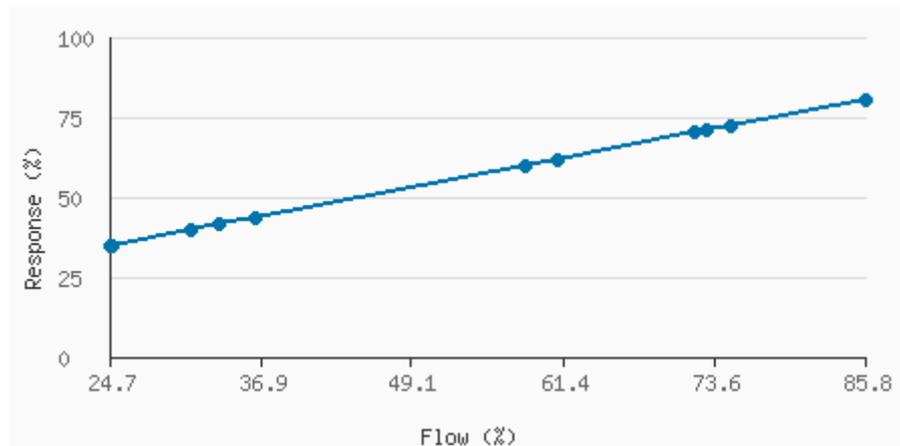
Stressor Name: Flow
Units: %
Metric: Mean Annual Discharge (MAD)
Scale: linear
Function Type: continuous
Vital Rate/Process: Density change (%)

Life Stage & Context

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

Descriptions

Stressor Response Data



?PERCENT_MAD	Mean System Capacity (%)	SD	low.limit	up.limit
24.67369231	34.6152692	0	0	100
24.86276923	34.7570769	0	0	100
31.22107692	39.5258077	0	0	100
33.62246154	41.3268462	0	0	100
36.42353846	43.4276538	0	0	100
58.38076923	59.8955769	0	0	100
60.97584615	61.8418846	0	0	100
72.04476923	70.1435769	0	0	100
73.09984615	70.9348846	0	0	100
75.02830769	72.3812308	0	0	100
85.82707692	80.4803077	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.