

# 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

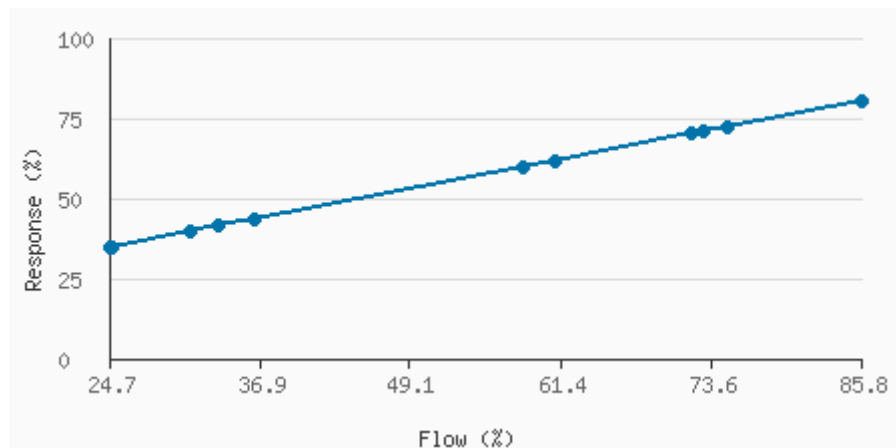
**Stressor Name:** Flow  
**Units:** %  
**Metric:** Mean Annual Discharge (MAD)  
**Scale:** linear  
**Function Type:** continuous  
**Vital Rate/Process:** Density change (%)

## 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

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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.