

# Mean Annual Discharge and Atlantic Salmon

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Function Updated by jrosenfeld on Tue, 02/24/2026 - 21:38.

## Species Information

**Common Name:** Atlantic Salmon  
**Genus:** Salmo salar

## Stressor Details

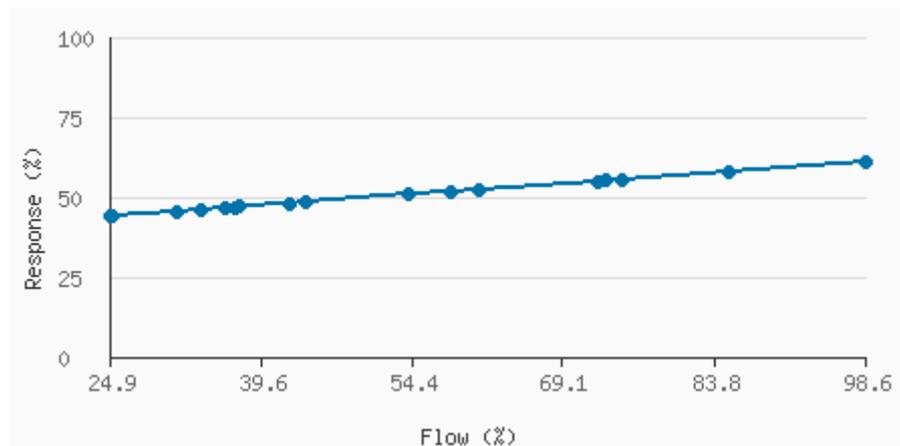
**Stressor Name:** Flow  
**Units:** %  
**Metric:** Mean Annual Discharge (MAD)  
**Scale:** linear  
**Function Type:** continuous  
**Vital Rate/Process:** Abundance

## Life Stage & Context

**Life Stages:** Smolt  
**Geography:** Catamaran Brook, NB, Canada  
**Season:** Winter

## Descriptions

## Stressor Response Data



?PERCENT_MAD	Mean System Capacity (%)	SD	low.limit	up.limit
24.91769231	43.9710692	0	0	100
25.26738462	44.0514985	0	0	100
31.50723077	45.4866631	0	0	100
33.78138462	46.0097185	0	0	100
36.19030769	46.5637708	0	0	100
37.26046154	46.8099062	0	0	100
37.62738462	46.8942985	0	0	100
42.44338462	48.0019785	0	0	100
44.09461538	48.3817615	0	0	100
54.08276923	50.6790369	0	0	100
58.12476923	51.6086969	0	0	100

60.88615385	52.2438154	0	0	100
72.52969231	54.9218292	0	0	100
73.246	55.08658	0	0	100
74.80861538	55.4459815	0	0	100
85.37307692	57.8758077	0	0	100
98.56138462	60.9091185	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.