Mean Annual Discharge and Brown Trout

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Function Updated by jrosenfeld on Tue, 02/24/2026 - 21:17.

Species Information

Common Name: Brown Trout
Genus: Salmo trutta

Stressor Details

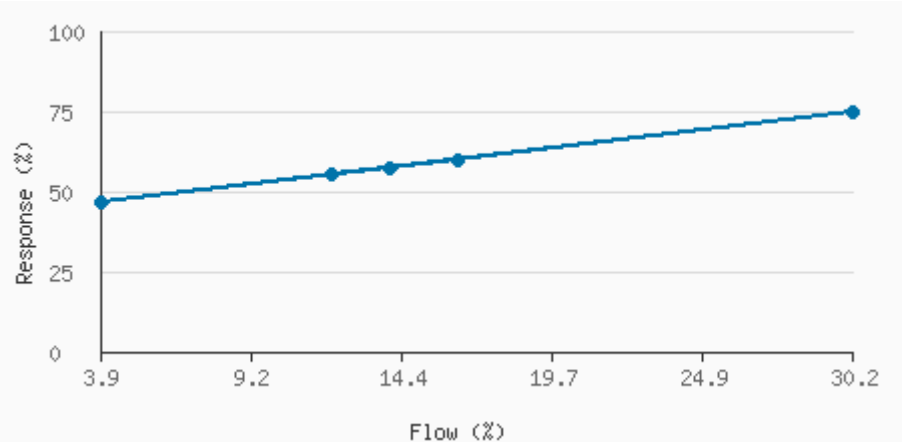
Stressor Name: Flow
Units: %
Metric: Mean Annual Discharge (MAD)
Scale: linear
Function Type: continuous
Vital Rate/Process: Biomass

Life Stage & Context

Life Stages: Adults, Juvenile
Geography: River Lhomme, Belgium
Season: Summer

Descriptions

Stressor Response Data



?PERCENT_MAD	Mean System Capacity (%)	SD	low.limit	up.limit
30.15	74.4605	0	0	100
3.93	46.4051	0	0	100
16.4	59.748	0	0	100
12.02	55.0614	0	0	100
14.02	57.2014	0	0	100
30.15	74.4605	0	0	100
3.93	46.4051	0	0	100
16.4	59.748	0	0	100
12.02	55.0614	0	0	100
14.02	57.2014	0	0	100

Citations

Ovidio, M., Capra, H., and Philippart, J-C. 2008. Regulated discharge produces substantial demographic changes on four typical fish species of a small salmonid stream. Hydriobiologia 609:59-70.