

# Mean Annual Discharge and Grayling

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Function Updated by jrosenfeld on Tue, 02/24/2026 - 21:18.

## Species Information

**Common Name:** Grayling  
**Genus:** Thymallus arcticus

## Stressor Details

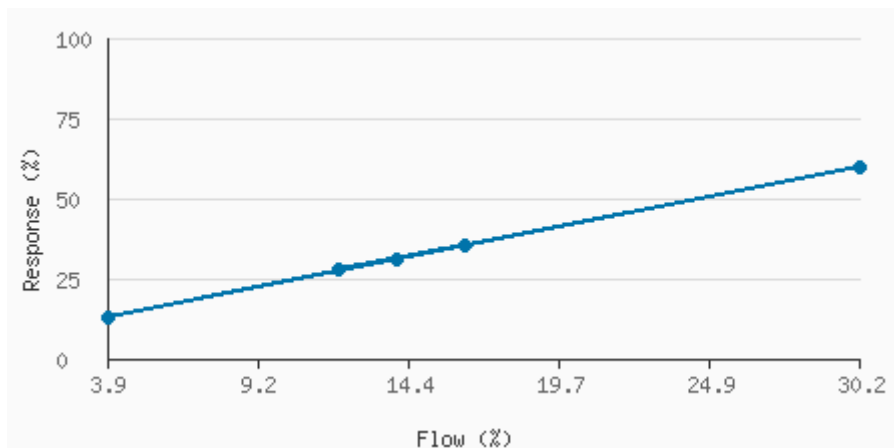
**Stressor Name:** Flow  
**Units:** %  
**Metric:** Mean Annual Discharge (MAD)  
**Scale:** linear  
**Function Type:** continuous  
**Vital Rate/Process:** Biomass

## 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	59.9885	0	0	100
3.93	13.0547	0	0	100
16.4	35.376	0	0	100
12.02	27.5358	0	0	100
14.02	31.1158	0	0	100
30.15	59.9885	0	0	100
3.93	13.0547	0	0	100
16.4	35.376	0	0	100
12.02	27.5358	0	0	100
14.02	31.1158	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. *Hydrobiologia* 609:59-70.