Mean Annual Discharge and Coastal Cutthroat Trout

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Function Updated by jrosenfeld on Tue, 02/24/2026 - 21:14.

Species Information

Common Name: Coastal Cutthroat Trout
Genus: Oncorhynchus clarkii clarki

Stressor Details

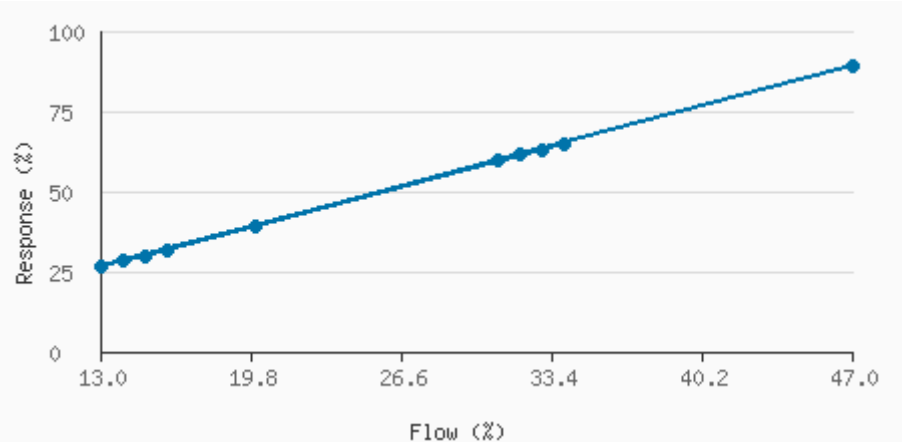
Stressor Name: Flow
Units: %
Metric: Mean Annual Discharge (MAD)
Scale: linear
Function Type: continuous
Vital Rate/Process: % change from the previous year in estimated total redds

Life Stage & Context

Life Stages: Adults
Geography: Irely Creek, Washington, USA
Season: All seasons

Descriptions

Stressor Response Data



?PERCENT_MAD	Mean System Capacity (%)	SD	low.limit	up.limit
33	63.1	0	0	100
13	26.3	0	0	100
15	29.98	0	0	100
34	64.94	0	0	100
13	26.3	0	0	100
14	28.14	0	0	100
20	39.18	0	0	100
32	61.26	0	0	100
16	31.82	0	0	100
31	59.42	0	0	100
47	88.86	0	0	100

Citations

Vadas, R.L. Jr., Beecher, H.A., Boessow, S.N., and Kohr, J.H. 2016. Coastal cutthroat trout redd counts impacted by natural water supply variations. North Am. J. Fish. Manag. 36:900-912.