

# Pool Depth and Adult Cutthroat

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## Species Information

**Common Name:** Cutthroat Trout  
**Genus:** *Oncorhynchus clarkii*

## Stressor Details

**Stressor Name:** Pool Depth  
**Units:** m  
**Metric:** Pool Depth  
**Scale:** linear  
**Function Type:** continuous  
**Vital Rate/Process:** Density

## Life Stage & Context

**Life Stages:** Adults  
**Geography:** Umpqua Basin, Oregon

## Descriptions

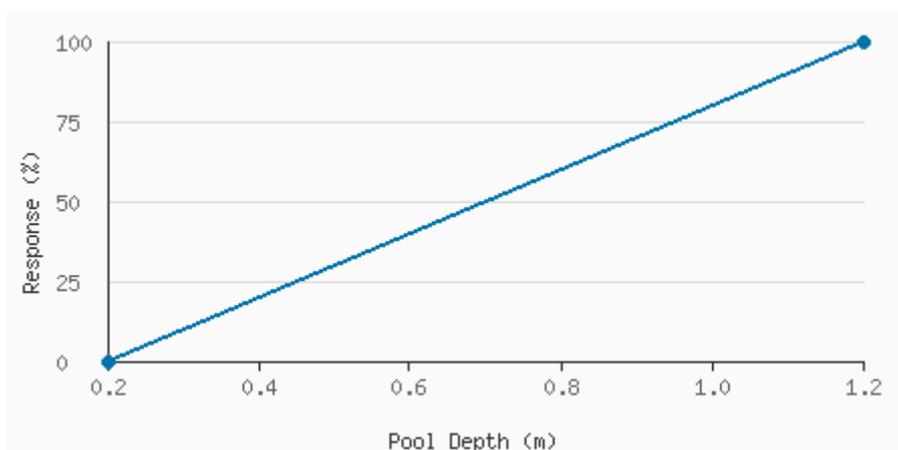
### Overview

Figure 11B. Snorkel observations of adult cutthroat presence within pools of tributaries to the main and South Umpqua Basin, author's data.  
Parr of all salmonid species strongly avoided areas with depths

### Function Derivation

field study

## Stressor Response Data



Stressor (m)	Mean System Capacity (%)	SD	low.limit	up.limit
0.195072	0	0	0	0
1.2192	100	0	100	100

## Citations

Cramer, S. P., & Ackerman, N. K. (2009). Linking stream carrying capacity for salmonids to habitat features. In American Fisheries Society Symposium (Vol. 71, pp. 225-254).

## References

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Cramer & Ackerman 2009 - [https://www.researchgate.net/profile/Steven-Cramer-4/publication/228343244\\_Linking\\_Stream\\_Carrying\\_Capacity\\_for\\_Salmonids\\_to\\_Habitat\\_Features/links/00b495193f52dd1bae000000/Linking-Stream-Carrying-Capacity-for-Salmonids-to-Habitat-Features.pdf](https://www.researchgate.net/profile/Steven-Cramer-4/publication/228343244_Linking_Stream_Carrying_Capacity_for_Salmonids_to_Habitat_Features/links/00b495193f52dd1bae000000/Linking-Stream-Carrying-Capacity-for-Salmonids-to-Habitat-Features.pdf)