

Mean Annual Discharge and Steelhead

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Species Information

Common Name: Steelhead

Genus: *Oncorhynchus mykiss irideus*

Stressor Details

Stressor Name: Flow

Units: %

Metric: Mean Annual Discharge (MAD)

Scale: linear

Function Type: continuous

Vital Rate/Process: Over-summer survival

Life Stage & Context

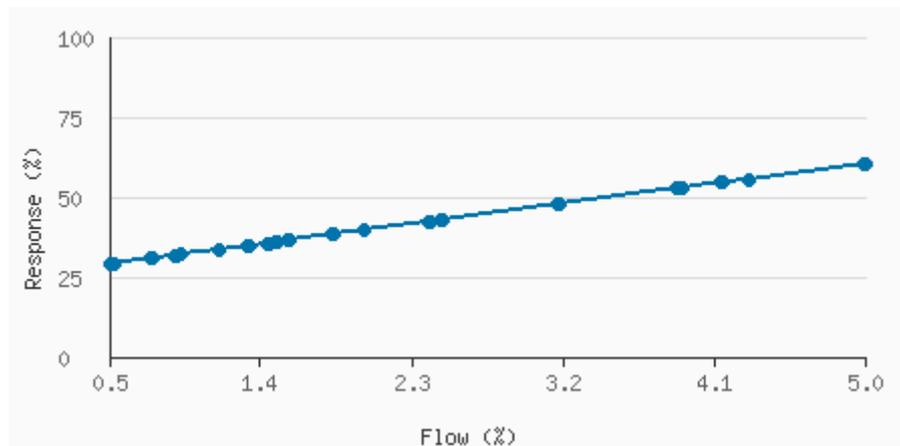
Life Stages: Juvenile

Geography: Maacama Creek, Mark West Creek, Santa Rosa Creek, Green Valley Creek. California, USA

Season: Summer

Descriptions

Stressor Response Data



?PERCENT_MAD	Mean System Capacity (%)	SD	low.limit	up.limit
0.53791	28.9807491	0	0	100
0.54323	29.0180423	0	0	100
0.54504	29.0307304	0	0	100
0.55888	29.1277488	0	0	100
0.56427	29.1655327	0	0	100
0.78606	30.7202806	0	0	100
0.78937	30.7434837	0	0	100
0.79821	30.8054521	0	0	100
0.92197	31.6730097	0	0	100
0.9271	31.708971	0	0	100
0.93066	31.7339266	0	0	100

0.93434	31.7597234	0	0	100
0.95858	31.9296458	0	0	100
0.96561	31.9789261	0	0	100
1.19094	33.5584894	0	0	100
1.36019	34.7449319	0	0	100
1.36897	34.8064797	0	0	100
1.47038	35.5173638	0	0	100
1.47382	35.5414782	0	0	100
1.4772	35.565172	0	0	100
1.48215	35.5998715	0	0	100
1.51707	35.8446607	0	0	100
1.53282	35.9550682	0	0	100
1.5958	36.396558	0	0	100
1.60272	36.4450672	0	0	100
1.86155	38.2594655	0	0	100
1.86497	38.2834397	0	0	100
1.86657	38.2946557	0	0	100
2.04641	39.5553341	0	0	100
2.04804	39.5667604	0	0	100
2.43258	42.2623858	0	0	100
2.43773	42.2984873	0	0	100
2.4999	42.734299	0	0	100
2.50359	42.7601659	0	0	100
2.50866	42.7957066	0	0	100
2.51062	42.8094462	0	0	100
2.5159	42.846459	0	0	100
3.19539	47.6096839	0	0	100
3.19766	47.6255966	0	0	100
3.2	47.642	0	0	100
3.89758	52.5320358	0	0	100
3.89968	52.5467568	0	0	100
3.90172	52.5610572	0	0	100
3.91877	52.6805777	0	0	100
3.91884	52.6810684	0	0	100
3.92541	52.7271241	0	0	100
4.16129	54.3806429	0	0	100
4.16359	54.3967659	0	0	100
4.16561	54.4109261	0	0	100
4.17467	54.4744367	0	0	100
4.3259	55.534559	0	0	100
5.00106	60.2674306	0	0	100
5.00991	60.3294691	0	0	100

Citations

Grantham, T.E., Newburn, D.A., McCarthy, M.A., and Merenlender, A.M. 2012. The role of streamflow and land use in limiting oversummer survival of juvenile steelhead in California streams. *Trans. Am. Fish. Soc.* 141:585-598.