



2021 YACHATS RIVER REPORT

About water temperature monitoring in the Yachats River

Lincoln Soil and Water Conservation District has been collecting water temperature data at three locations in the mainstem Yachats River since 2017. A threshold of 17.8°C is presented as reference for the highest optimum water temperature range for most salmon. Warmer waters make salmon more susceptible to predators, parasites, and disease.

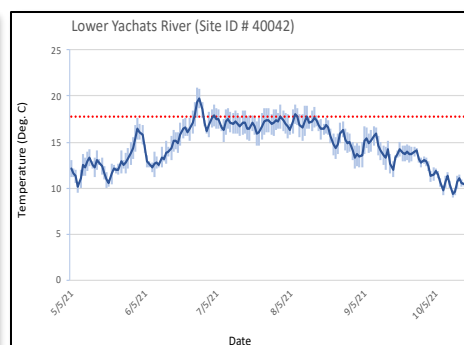
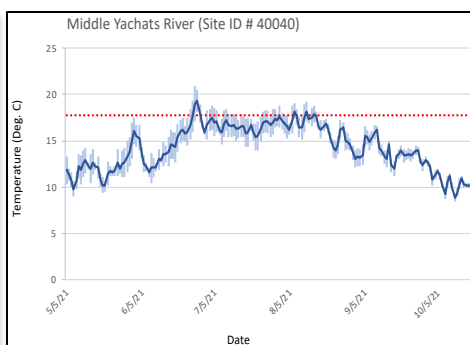
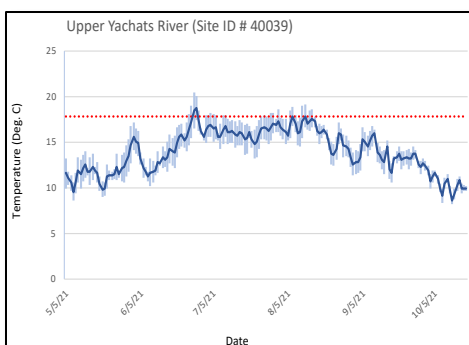
Streamside vegetation is one of the tools we use to address high water temperature. This is especially important during hot summer months when flow is lower and temperatures naturally increase. Through revegetation of streamside zones, known as riparian zones, streams are kept cool by the canopy cover of trees. Currently, based on available canopy cover data 99 acres have sparse or remnant canopy cover, with an additional 265 with open canopy in the basin.

In 2021 we completed our DEQ Yachats Outreach Grant sending mailers and providing information [online](#). We will continue water temperature monitoring and assist landowners with invasive species removal and future planning for revegetation in 2022. For more information email info@lincolnswcd.org or call 541.265.2631



2021 YACHATS AT-A-GLANCE

	Average Daily Temperature Deg. C	Minimum Average Daily Temperature Deg. C	Maximum Average Daily Temperature Deg. C	No. Days Average exceeded 17.8 Deg. C
Upper Yachats	13.960	8.640	18.760	4
Middle Yachats	14.310	8.890	19.320	6
Lower Yachats	14.590	9.340	19.740	6



Interested in learning more about monitoring in the Yachats Watershed or about Lincoln SWCD's programs and services?

Visit lincolnswcd.org, email info@lincolnswcd.org, or call 541-265-2631