

Larson, Douglas W., and John T. Salinas. *Waldo Lake, Willamette National Forest, Oregon, Limnological Investigations: 1986-1995.* Willamette National Forest, U.S. Forest Service. 1995.
(Reviewed by Jessica Bliss)

Here you have it, the most comprehensive compilation of information available on Waldo Lake. The first 120 pages or so give a detailed summary of past and present limnological studies at the lake, culminating into a succinct section on recommendations for future studies on site. The following 400 pages include tables of the multitude of water quality data (i.e. chemical and biological content) that have been recorded between 1966 and 1995.

The authors, Larson and Salinas, began an independent, in-depth limnological study of the lake in 1986. They hoped to record change in the properties of the lake since 1970, when the last informative study ceased, as well as to compile new information relating to the lake's unique, undiscovered properties. Geology, geography, and hydrologic history, in addition to a discussion of the social and economic aspects of Waldo, all find their way into this report.

Critique

A focus throughout is the topic of fish management of the lake. The cause-effect relationship between fish stocking and water quality at Waldo still hasn't been studied; in fact, there is still some debate over whether water quality has been chemically affected at all. A more obvious, more understood effect of fish stocking comes from comparing planktonic species abundance pre- and post-stocking; this type of study is well documented in similarly oligotrophic lakes nationwide.

This resource will surely serve as my bible for the next several weeks. Although the host of tables in the back is difficult to navigate (and even worse to interpret if you don't know what to look for), the text is informative and ample. Scouring this resource helped me narrow my focus to fish management of Waldo.

[return to info sources page](#)

[return to home page](#)