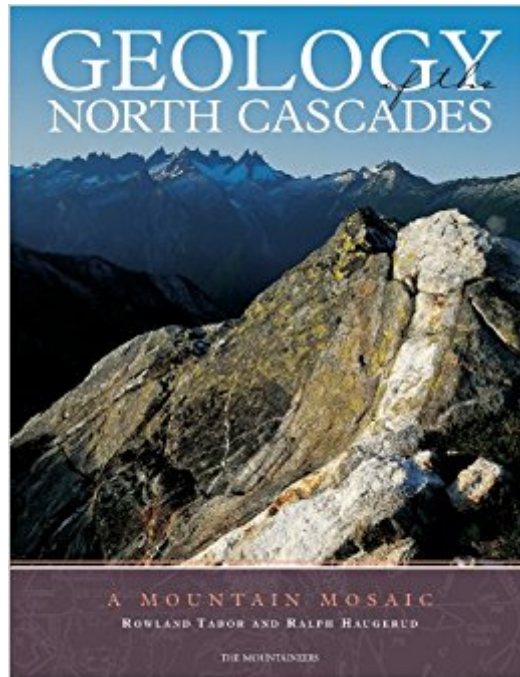




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# Geology Of The North Cascades: A Mountain Mosaic



## Synopsis

\* Explains the geologic natural history of the North Cascades\* Appeals to hikers who are fascinated by the region, as well as amateur geologists\* Authors are both geologists with the US Geological SurveyComposed of everything from volcanic island arcs and deep ocean sediments, to parts of old continents and even pieces of the deep subcrustal mantle of the earth, Washington's North Cascade region is a true geologic mosaic. Here, authors Tabor and Haugerud reveal that the spectacular scenery of these mountains is matched by equally spectacular geology.Beginning with a summary of the geologic history of the North Cascades, the first section also offers the novice a primer on geologic terms and processes. The second section covers more than 150 accessible sites of geologic interest, arranged by reference to the rivers and streams of the range. Many new ideas about the rocks and geologic processes in the North Cascades are introduced, making this a must-read for those studying the region.

## Book Information

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## Customer Reviews

If you have ever visited the Cascades and wondered how such rugged grandeur came to be, this is the book for you. A good book for hikers interested in the Cascades, and a 'must' for geology pros and buffs who intend to visit those great mountains. (Sierra Club)To weave a lifetime of observations and thoughts into a story accessible to a wide audience is an amazing accomplishment. Visitors, naturalists, and professional scientists will value this book for a very long time. (John Riedel, Geologist, N. Cascades Nat'l Park)Unparalleled insight into the origins of one of the most complex and exciting geological areas in the world. Only geologists who have spent their

careers actually in the field and love the field as these authors do could write this incomparable useful and beautiful book. (Choice magazine)

Rowland Tabor and Ralph Haugerud are geologists with the US Geological Survey and have extensive experience mapping the geology of the Pacific Northwest. They have published many scientific papers on North Cascade geology, and Tabor is the author of several popular guide books, including the Geology of Olympic National Park.

An ok read. More of a hikers guide to geology.

This superb book is a guide to the geology and natural history of the North Cascades—a wild, nearly roadless mountain range in northern Washington State. The book is not only an indispensable visitors' guide that describes key viewpoints and outcrop features along roads and trails in the region, but also explains to the novice, how the North Cascades came into being in wonderfully lucid language. It explains the ongoing geologic processes that presently shape this rugged country as well as the long history of tectonic processes that assembled the underpinnings of the range and led to the distribution of the varied rock units exposed on the peaks and gorge walls. The book is exceptionally well illustrated with dozens of exquisite, annotated sketches as well as colored photographs. This is simply the most authoritative and accessible resource available on the geologic story of this unique and beautiful region written by scientists that have spent decades walking and mapping the terrain and puzzling over how it evolved to its present state. It is a peerless guide to the area.

This book is without a doubt the best non-technical description you will find on the geologic/tectonic evolution of the North Cascades of Washington State, and I am certain it will remain so for several years. The information presented in this book is synthesized from more than a century of field work conducted by numerous investigators, not least of which include the authors. I would recommend purchasing two copies (as I have): one for your library bookshelf and another for the rough-and-tumble environment of a backpack...

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