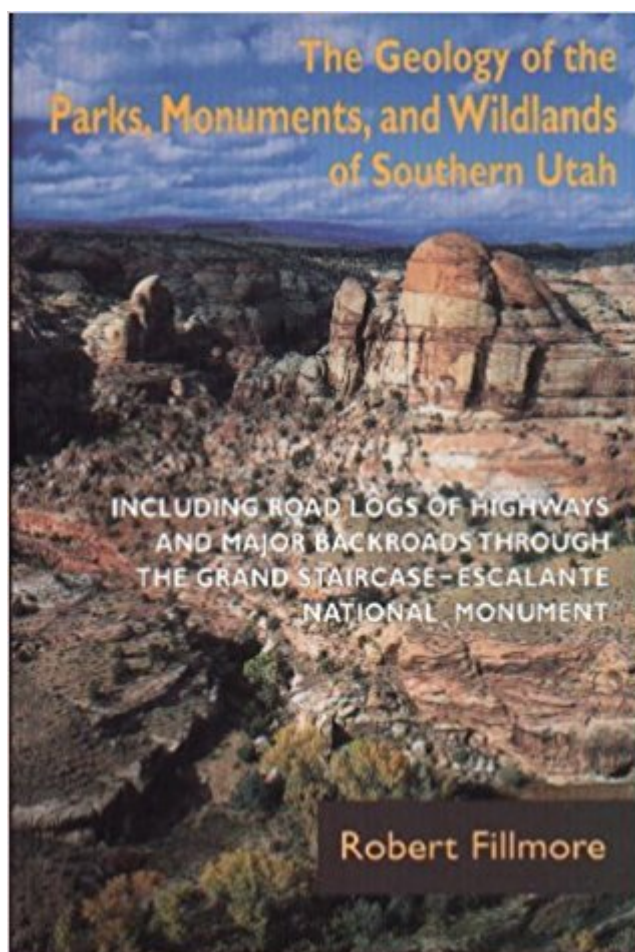


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# The Geology Of The Parks Monuments & Wildlands Of Southern Utah



## Synopsis

This detailed interpretive guide explains the forces that created Utah's unforgettable scenery, while providing road logs of highways and major backroads through the Grand Staircase of the Colorado Plateau. Where in Utah can you find a fossilized ant hill that is at least fifty million years old? Do you know the location of an ancient beach that disappeared along with the dinosaurs that strolled it? Find out in *The Geology of the Parks, Monuments, and Wildlands of Southern Utah*. This fascinating and authoritative guide belongs on the dashboard or in the backpack of every visitor to southern Utah or student of its natural history. More than sixty illustrations and nearly three dozen photographs accompany clear explanations of the spectacular geologic features of this landscape, including Capitol Reef, Bryce Canyon, and Zion National Parks, as well as the Grand Staircase-Escalante Monument. Section I of the volume surveys chronologically the origins of the formations and structural features and the geologic processes that have shaped the Colorado Plateau. Section II provides road logs with mile-by-mile geologic descriptions of key sections of highway traversing this area. This detailed interpretive guide turns any windshield into a window of opportunity for understanding the forces that created Utah's unforgettable scenery—whether it be a breathtaking panorama or a dazzling array of fins and fractures, pillars and pedestals, or cliffs and chasms.

## Book Information

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## Customer Reviews

"I particularly recommend it to novices and dilettantes wishing to understand southern Utah geology. I picked up this book and could hardly put it down until I had read every

word. The book was easy to read and combined technical knowledge with general information. **Western North American Naturalist** "It is literate and well illustrated with color photographs and explanatory maps and geologic diagrams. Technical language is kept to a minimum. Professional geologists will appreciate the comprehensive descriptions and the up-to-date mainstream explanations and discussions. Fillmore's book is the best available guide to the region. **Journal of Geoscience Education** "Unlike most popular guidebooks, [this book] doesn't just focus on famous landmarks. Fillmore encourages exploration by devoting the first half of the book to a description of Utah's general geologic setting, giving readers the background they need to understand the geology along any canyon hike or plateau bike ride. Less adventurous folks will appreciate the book's second section, which points out features along popular roads in Bryce Canyon and Zion National Parks and Grand Staircase-Escalante National Monument. **High Country News** "I've read almost all Utah geology books aimed at the general reader, and this recent book by Robert Fillmore is the best so far. **Redrock Wilderness**

Robert Fillmore is professor of geology at Western State College of Colorado in Gunnison. His articles, abstracts, and chapters have appeared in many journals and books.

We toured the "red rock" parks of southern and western Utah this summer. I needed and wanted to understand how these layered and wonderfully colored rocks came to be in the formations that I knew we would soon see. It was very helpful and understandable, but hard slogging for a beginner in geology. I was grateful that I read it before we actually saw the landscape. The parks and landscapes were jaw-dropping awesome, and made more so because I had an inkling of how they had come to be over such a long time.

Great Book about Southern Utah. A good read for anyone interested in visiting the area

Roadside Geology does a better job.

Does a fair job on the basics, but too much east-coast liberal attitude. The bad cattle, bad dams, people building houses. Another case of lock up the west and keep it a playground for the coasts.

Being a Geology major learning under Professor Fillmore, his book helped me many times in my research. Not only does he do a great job describing the geology of southern Utah, but his enthusiasm for the area shines through in his writing. Fillmore also has a knack describing very technical processes in ways which anyone can understand. The first chapter in his book consists of basic principles of geology. This covers most of the forces behind the deposition of the various formations in Utah. These include the geologic rock cycle, basic igneous and sedimentary classifications, rock deformation, monoclines/anticlines/synclines, and the geologic time scale. The second part consists of a chronological description of the geology of southern Utah, starting from the Pennsylvanian (about 325 million years ago) and running all the way to the Quaternary (present). This is the part which comes in really useful for research, because not only does Fillmore write in very easy to understand language, but he also cites all of his sources, mostly from scientific papers, in an easy to look up GSA format. The third part comes in handy for the tourist and fossil hounds out there! Once you are familiar with the geology of Southern Utah, Fillmore takes you through a mile-by-mile tour, pointing out various rock outcrops and explaining what caused them to form. This is a wealth of knowledge which can make any drive through southern Utah an educational experience for the whole family. This book is a must have for anyone wanting to know about the geology of southern Utah. The material within is very well researched by a college professor of geology, who has a love for the area he is writing about.---Christoph

Fillmore spends the first 2/3's of the book discussing, via geologic time periods, the formations laid down in So. Utah, and the conditions which created the formations - it is wonderfully written for the layperson to the non-professional but very interested geologist - the final third is dedicated to describing roadside geology starting from east of Capitol Reef and traveling to just west of Zion - overall an excellent book and definitely worth the read for anyone interested in understanding more about the beautiful areas that are So. Utah

I bought this book and another one written by the same author. The title of the other book is :Geological Evolution of the Colorado Plateau of Eastern Utah and Western Colorado [Paperback]. The latter was published in 2010 and its content is thoroughly revised from the earlier version. So if you'd like to get a clear picture on the geological evolution of the area, buy the new version.

Fascinating and authoritative. And small enough that you can lug it around in a pack or keep it in the

glove compartment. Lots of illustrations, informative and beautiful pictures. Lots of coverage: Capitol Reef, Bryce Canyon, Escalante, and (of course) Zion National Park. My favorite aspect of this book is that you can use it on the road because it has mile-by-mile descriptions.

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